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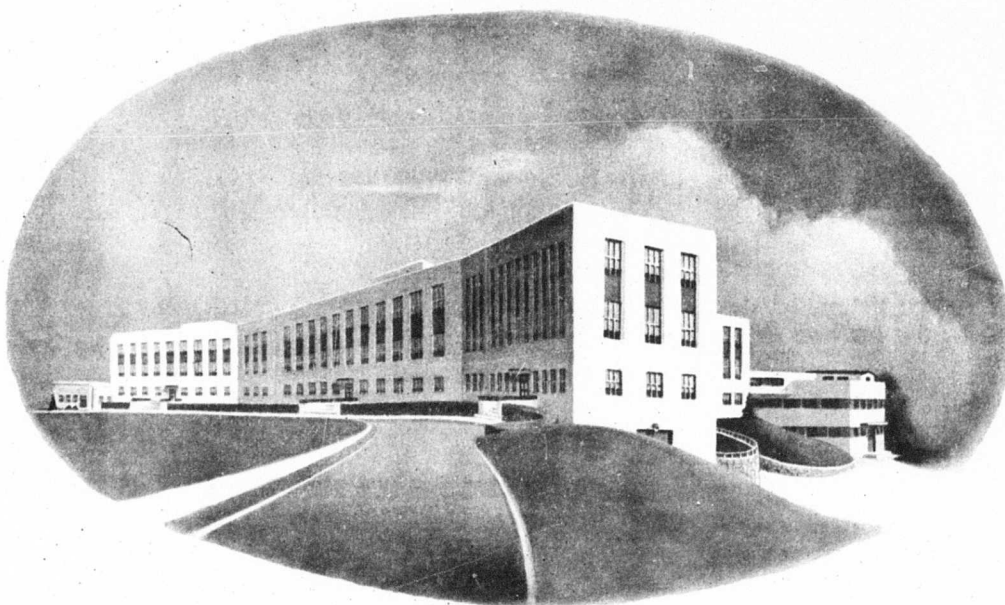
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INTIMACY-SCALED STIMULI FOR USE IN STUDIES OF
INTERPERSONAL RELATIONSHIPS

RESEARCH REPORT

MF 022,01.03-1002

Report No. 9

INTIMACY-SCALED STIMULI FOR USE IN STUDIES OF
INTERPERSONAL RELATIONSHIPS

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Research Report

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Naval Medical Research Institute
Bethesda, Maryland

April 1966

ABSTRACT

This report describes development of psychometric materials for use in research on interpersonal exchange and self-disclosure. The materials included 671 statements about various aspects of the self which people might discuss as they form interpersonal relationships with others. The items were scaled for "intimacy" and topical category by judges from two different populations.

The item pool was developed in connection with a research program we are now conducting on social penetration processes which occur in the development and dissolution of interpersonal relationships. A general hypothesis of the theoretical approach is that interpersonal relationships develop systematically over time, with gradually increasing mutual interpersonal exploration by dyad members via exchange of personal information, expression of affect, engaging in joint social activities, etc. In conducting this research it became clear that we were hampered by the lack of well-structured stimulus material--a problem fairly widespread in experimental social psychology. Therefore, a battery of 671 statements dealing with various aspects of the self was developed and scaled by the Thurstone procedure of equal appearing intervals. Intimacy and topic category judgements were made by two independent populations (college students and sailors) using IBM Porta Punch Boards. Equal appearing interval analysis was employed to obtain intimacy scale values and Q-scores. Pearson product moment correlations showed high agreement between the two populations.

The validation of apriori category nomenclature indicated that placement of 497 out of 641 statements were agreed upon by at least 8 of 16 judges. An additional 20 statements were reliably categorized by judges in other than the originally assigned topic areas. Thus, there was reliable agreement among judges as to statement topic for 77% of the items. Advantages and suggested usages of the item pool was discussed.

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Intimacy-scaled stimuli for use in studies of
interpersonal relationships¹

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INTRODUCTION

This report presents a set of stimulus materials for use in research on interpersonal exchange and self-disclosure. The materials include 671 statements about various aspects of the self which have been scaled for "intimacy" by judges from two different populations. The stimuli are grouped according to thirteen topical categories e.g., religion, family, money, and property, etc.

The item pool was developed in connection with a research program we are conducting on social penetration processes which occur in the development and dissolution of interpersonal relationships (see Altman and Haythorn, 1965; Frankfurt, 1965; Taylor, 1965; for a summary of the theoretical position and representative research studies). A general hypothesis of the approach is that interpersonal relationships develop systematically over time, with gradually increasing mutual interpersonal exploration by

¹We are indebted to Mr. Dale Meffley, Educational Specialist and Captain J. P. Kane, Commanding Officer, Service School Command, U. S. Naval Training Center, Bainbridge, Maryland, for their cooperation and assistance in obtaining judges and providing testing facilities.

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dyad members via exchange of personal information, expression of affect, engaging in joint social activities, etc. The basic developmental process is hypothesized to involve increased amounts of interpersonal exchange (breadth of penetration) and increasingly intimate levels of exchange (depth of penetration). To evaluate these and other relevant hypotheses (e.g., cost-reward determinants of social penetration), it was deemed necessary to develop a large pool of stimulus materials for self-disclosure questionnaires or for use in face-to-face interactions in experimental laboratory settings. A number of questionnaire instruments tapping self-disclosure already exist (Jourard, 1961; Jourard and Lasakow, 1958; Rickers-Ovsiankina, 1956; Rickers-Ovsiankina and Kusmin, 1958; Palmer, 1960, 1963; Taylor, 1965). However, for the most part, none provide a sufficiently large pool of material to satisfy requirements of longitudinal studies. Moreover, no dimensional analysis of existing materials has been conducted, e.g., intimacy properties of items, and no systematic attempt has been made to cover a wide range of topics and to evaluate the reliability of grouping items into topical categories. The present report summarizes a first step to develop such a pool of stimulus materials. Subsequent research will be aimed at more precise definition of stimulus properties, especially identification of key dimensions underlying the intimacy classification of items.

A critical problem in experimental social psychology is the lack of well-structured stimulus material, which, in turn, would be conducive to more precise analysis. Since the main data for social psychologists have been verbal behavior, techniques for its coding and analysis are mandatory.

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Major approaches toward systematic study of social behavior have involved content analysis and observation systems for categorizing ongoing social behavior. These approaches allow behavior to occur in relatively free form, without any rigid prestructuring of available responses by experimenters. From such freely occurring outputs, coding of limited aspects of behavior is done from transcripts or on-the-spot. The use of content analysis has been reviewed quite comprehensively by Pool (1959) and by Marsden (1965) and Murray, Auld and White (1954), the latter with regard to psychotherapeutic situations. Systematic observational systems and their characteristics have been summarized by Heyns and Lippitt (1954) and Altman (1966). Content analysis procedures have been applied to a range of social and individual behavior beginning with Lasswell's pioneering work (1935). In addition to a range of studies of political behavior, a substantial effort has been made to content analyze aspects of the therapeutic process. Illustrative examples include Collier's (1953) scale for measuring the degree of "uncovering", Carnes and Robinson's talk ratio (1948), and work by Rogers and others on self-understanding, discomfort-relief, tension, etc., all of which reflect changes in patient behavior through developing psychotherapeutic encounters (Mowrer, 1953; Rogers, 1942, 1948, 1951; Rogers and Dymond, 1954; Rogers and Wallen, 1946; Muench and Rogers, 1946; Butler and Haigh, 1954).

Approaches somewhat similar to the above are represented by a series of behavior observation systems which have been used to study small group processes. Interaction process analysis (Bales, 1950) is probably the best known and most widely used of these systems. It contains a set of

twelve categories that permit description of the sequential steps in group problem solving and social behavior regardless of its history, function, or composition. Carter and his associates (1951), Stock and Thelen (1958a, 1958b), and others have also developed behavior observation systems in attempts to define dimensions of group interaction. These approaches, although somewhat different in philosophy and technique, aim at describing dependent aspects of social interactions.

The work reported here takes a somewhat different approach to analysis of social behavior in that it is directed toward use of pre-structured social interaction materials. Thus, we are moving in the direction of restricting possible social behavior to permit greater control, rigorous measurement, and ease of data collection and analysis. However, imposition of behavior restriction can markedly affect the trade-off between research control and operational realism (Haythorn, 1962, McGrath, 1964). More specifically, less structuring probably results in a more naturalistic situation and a greater information potential. However, the capability for understanding cause-effect relationships is probably somewhat more difficult by virtue of the richness of the behavioral events. At the other end of the continuum, imposition of structure on possible social behaviors results in a more artificial situation with a lower overall information potential, but a greater likelihood of understanding dynamics of more limited behavioral events. Our intent is to strike a balance between the extremes of this hypothetical continuum, by developing a set of social interaction materials which will have certain predetermined properties, thereby

restricting possible social behaviors, but which also will permit, if desired, relatively free interaction.

METHOD

The scaling procedure employed in the present study is analagous to that of Exline and Long (1965), who used the Thurstone method of successive intervals. More specifically it is an extension of work by Taylor (1965) using the method of equal appearing intervals (Thurstone and Chave, 1929) to scale social penetration stimuli, (e.g. intimacy of social activities, attitudes and values, and personal information about the self).

A pool of 671 statements dealing with various topics about the self was developed from existing personality and self-disclosure instruments. Items were grouped on an apriori basis into thirteen topical categories such as religion, marriage and family, love-dating-sex etc. A list of topics and definitions is shown in Table 1. The items appear in the Appendix.

TABLE 1

List of Topical Categories

A. RELIGION (38 Items)

This topic contains items related to religious activities (praying, going to church), religious ideas, beliefs and values, religious training, feelings about other religions etc.

B. OWN MARRIAGE AND FAMILY (56 Items)

This topic treats views, practices and ideas about the type of person you want to marry, the type of relationship you

want to have with a wife, views on how children should be raised, etc. It deals with your own marriage and your own children, and does not deal with your parents, relatives, brothers and sisters, etc.

C. LOVE, DATING, SEX (71 Items)

This topic covers attitudes, opinions, habits and actual experiences in dating, sex and love. It includes how you feel about dating, sex and love with girls, actual experiences you have had, opinions and morals about dating, love and sex. It does not include matters which are appropriate to one's wife (see B. OWN MARRIAGE AND FAMILY).

D. PARENTAL FAMILY (57 Items)

This topic covers things related to parents, brothers and sisters, cousins, aunts, uncles and other relatives. It includes parents' opinions and beliefs, their good points and bad points, their child raising views and practices, etc. It includes your own views and behavior about your family and relatives, relationships between relatives, facts about your family, etc.

E. PHYSICAL CONDITION AND APPEARANCE (44 Items)

Included here are matters concerning your own physical condition including what you like and dislike about your physical appearance and condition, habits and practices regarding your physical appearance (eating, dress, baths), attitudes about physical state (fears and worries about health), and facts

about physical characteristics (illnesses, sleeping habits, etc).

F. MONEY AND PROPERTY (37 Items)

This topic covers personal attitudes and opinions, practices, and facts about financial and money matters. It includes how much money and property you have, attitudes about spending and borrowing, etc.

G. GOVERNMENT AND POLITICS, CURRENT EVENTS AND SOCIAL ISSUES (53 Items)

This topic covers a broad range of social attitudes and practices including views about government and politics, views about laws and lawbreaking, war, foreigners, ethnic groups and racial problems, international affairs, etc.

H. EMOTIONS AND FEELINGS (52 Items)

Included here are items pertaining to one's own feelings and emotions such as embarrassment, fears, worries, anger, satisfaction and happiness, pride and shame, sadness, nervousness, etc. It does not deal with opinions and beliefs, morals and ethics, etc., but with emotional matters.

I. INTERESTS, HOBBIES, HABITS (65 Items)

This topic treats your hobbies, things you do in spare time, things you would like to do (traveling, adventure, etc.), food preferences and eating habits, etc. It also includes attitudes and views about spare-time activities (gambling, card playing, TV, etc.), food and restaurants, etc.

J. RELATIONSHIPS WITH OTHER PEOPLE (46 Items)

This topic refers to items concerning one's views and opinions about dealing with other people, being with other people,

friends and friendship, being in social situations of various types, likes and dislikes about other people in general, etc. It specifically refers to one's relationships with others in social situations, etc. It does not refer to you alone as a person (see K. PERSONAL ATTITUDES ETC.), but your relationships with others in social situations.

K. PERSONAL ATTITUDES, VALUES AND ETHICS, AND SELF EVALUATION (52 Items)

This topic includes general opinions and beliefs you hold, attitudes about life and living, codes of ethics, etc. The items do not usually refer to relationships with specific other people, e.g., family or friends, but apply to life in general. It also includes things you like and things with which you are satisfied about yourself, and with which you are dissatisfied.

L. SCHOOL AND WORK (72 Items)

This topic covers matters related to past or present school and past or present work experiences. It includes facts about work and school (how much, where and when), feelings about work and school (likes, dislikes and preferences), relationships with school friends and teachers, or co-workers and supervisors, future plans, etc.

M. BIOGRAPHICAL CHARACTERISTICS (18 Items)

Included here are items of a biographical and personal nature-- including physical characteristics (height, weight, etc.), geographical information (hometown, length of time in Navy, etc.), and other descriptive characteristics.

The pool of 671 items was randomized into sets of 35 and presented to judges in packets counterbalanced to randomize position effects. Each S rated half the total pool of items on an 11-point scale regarding the degree of intimacy or personal character of the information in each statement. Judges were 150 sailors who had just completed recruit training and were about to begin Radioman school at the Bainbridge Naval Training Center. Responses were made directly onto a punch card using an IBM porta-punch board and stylus. Poor judges, defined by Thurstone's criteria, and judges who incorrectly used the porta-punch board were eliminated, yielding a total of 50 raters per item. Thurstone scale values (median judgements on the 11-point scale) and Q-values (inter-quartile ranges) were computed and appear next to each item in the Appendix.

On another occasion, an additional 48 Ss were drawn from the sample and asked to sort statements into one of the thirteen categories listed in Table 1. Each judge was given one third of the items in randomized sets, yielding 16 judges per item.

Intimacy and category scaling procedures were repeated on a freshman sample at the University of Delaware. Fifty Ss made intimacy judgements and 27 Ss were used to classify items into the thirteen topics. Intimacy data for this sample also appear in the Appendix next to the items.

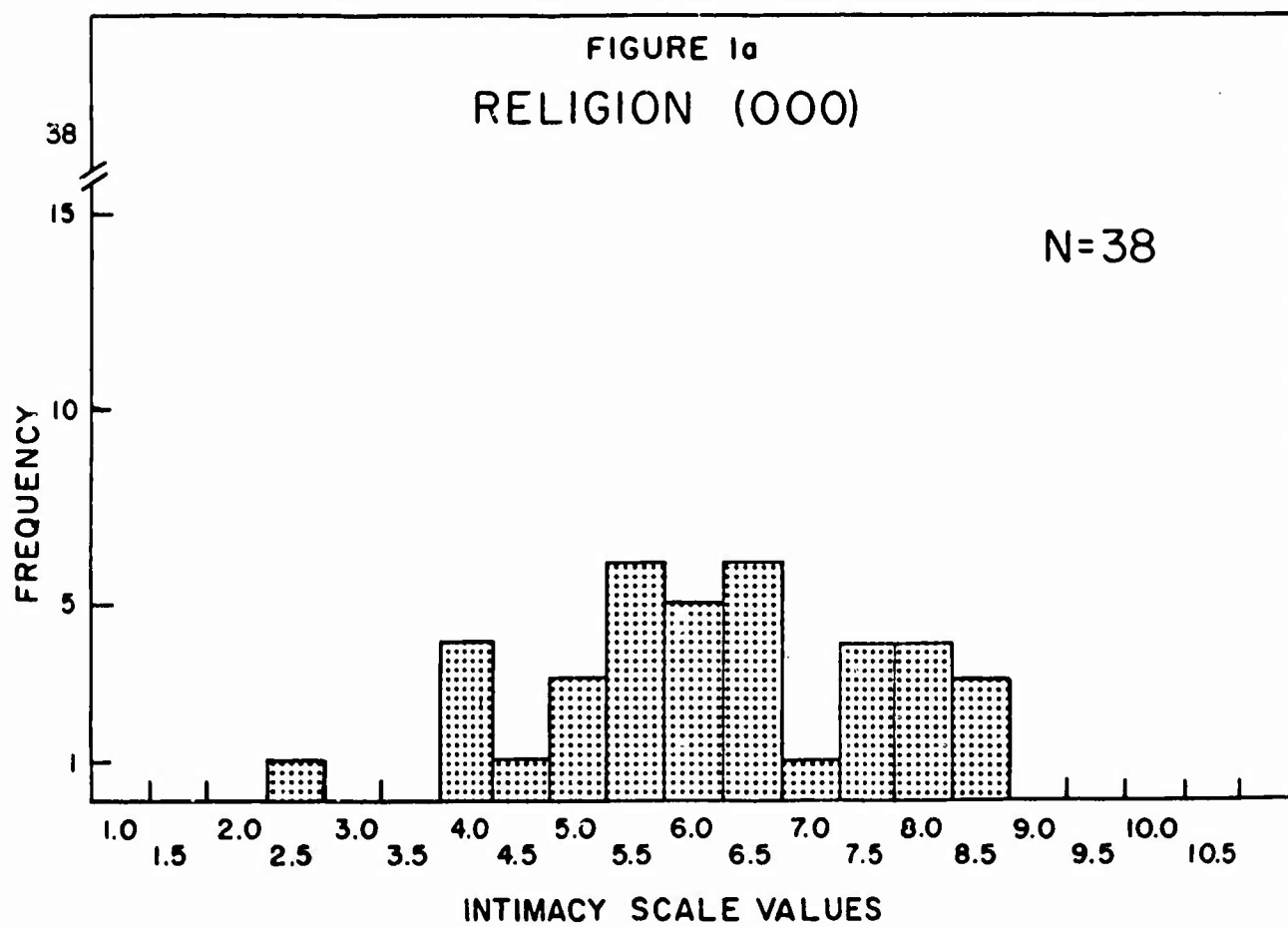
RESULTS AND DISCUSSION

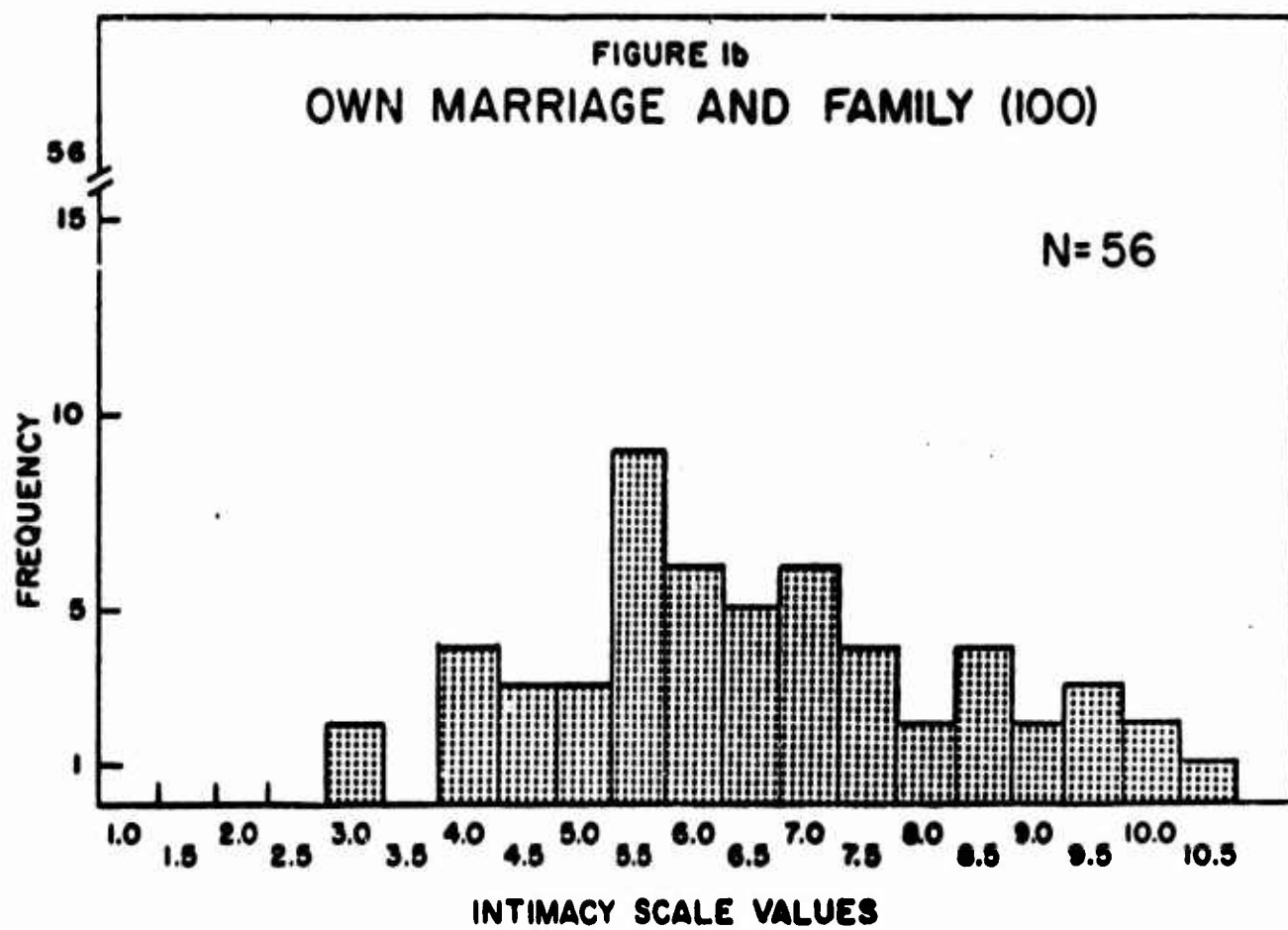
The 671 disclosure statement are arranged by category and listed in the Appendix. Each statement is preceded by two numbers. The first designates the category code and ordinal position of the statement within the category. The second number, in parenthesis, indicates the questionnaire sheet and item position used in the scaling process. Following each statement is its Thurstone intimacy scale value and its corresponding Q-score (inter-quartile range) for both Navy and college populations. Inspection of these values gives some idea of how closely these two independent populations agreed with each other. More objective data regarding this comparison will be presented below.

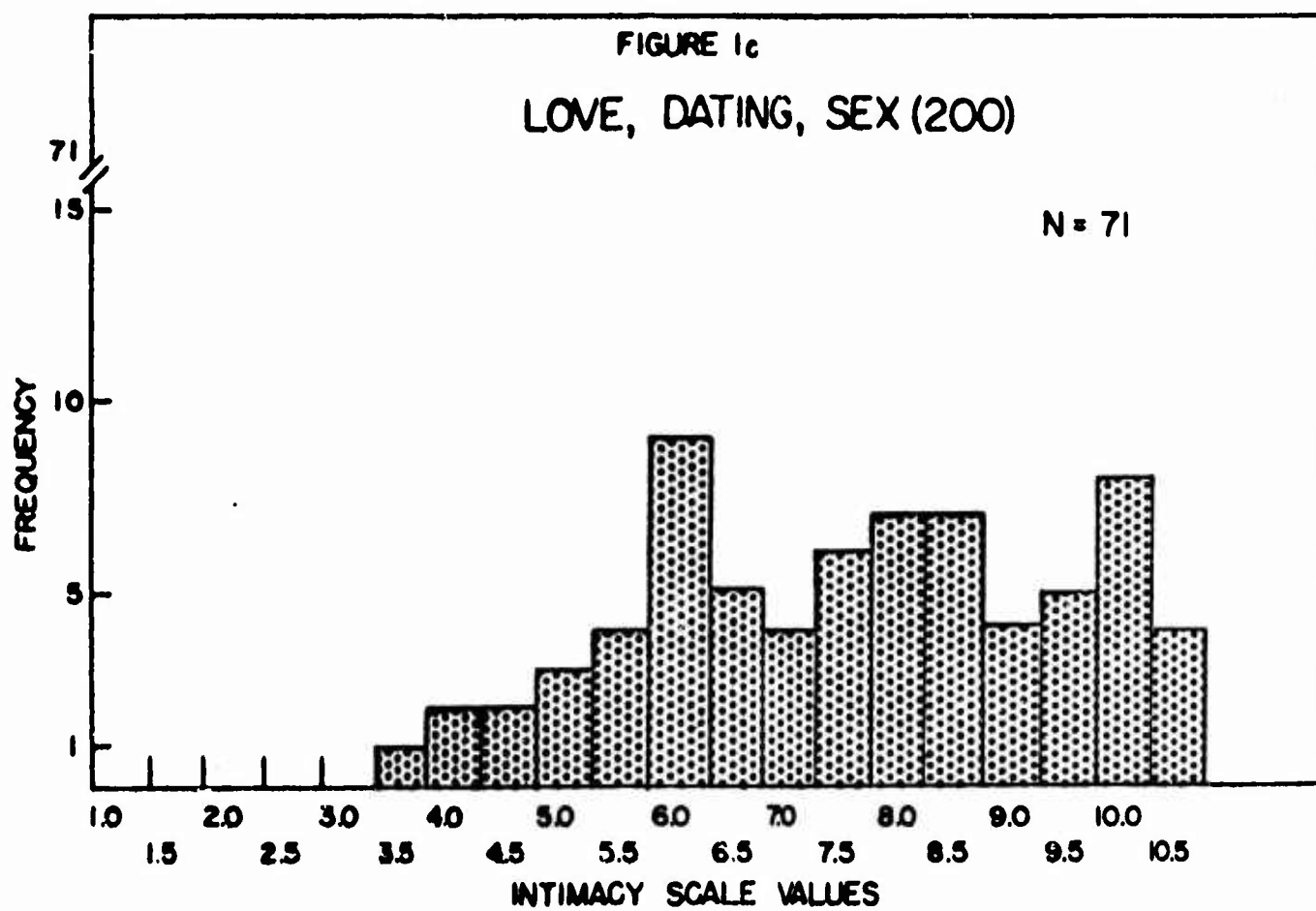
At the end of each set of items within a given category is a listing of the degree of empirical agreement among judges as to how well each statement fits the category description (see Table 1). This information will assist in statement selection for use in specific research applications, along with scale values and Q-scores. Disagreement with the apriori nomenclature is also indicated. On the whole agreement among judges was quite good. Of the 671 items, 408 or 60.8% were coded by 10 out of 16 judges as falling into their assigned category; 89 or 13.2% more were classified by 8 to 9 of 16 judges in their apriori designated category. The remaining 174 items were either not reliably placed in any particular category or were coded in other than the originally designated category. In some instances, judges agreed on the assignment of statements to categories different from the apriori designations. This choice and the amount of agreement is listed in the Appendix.

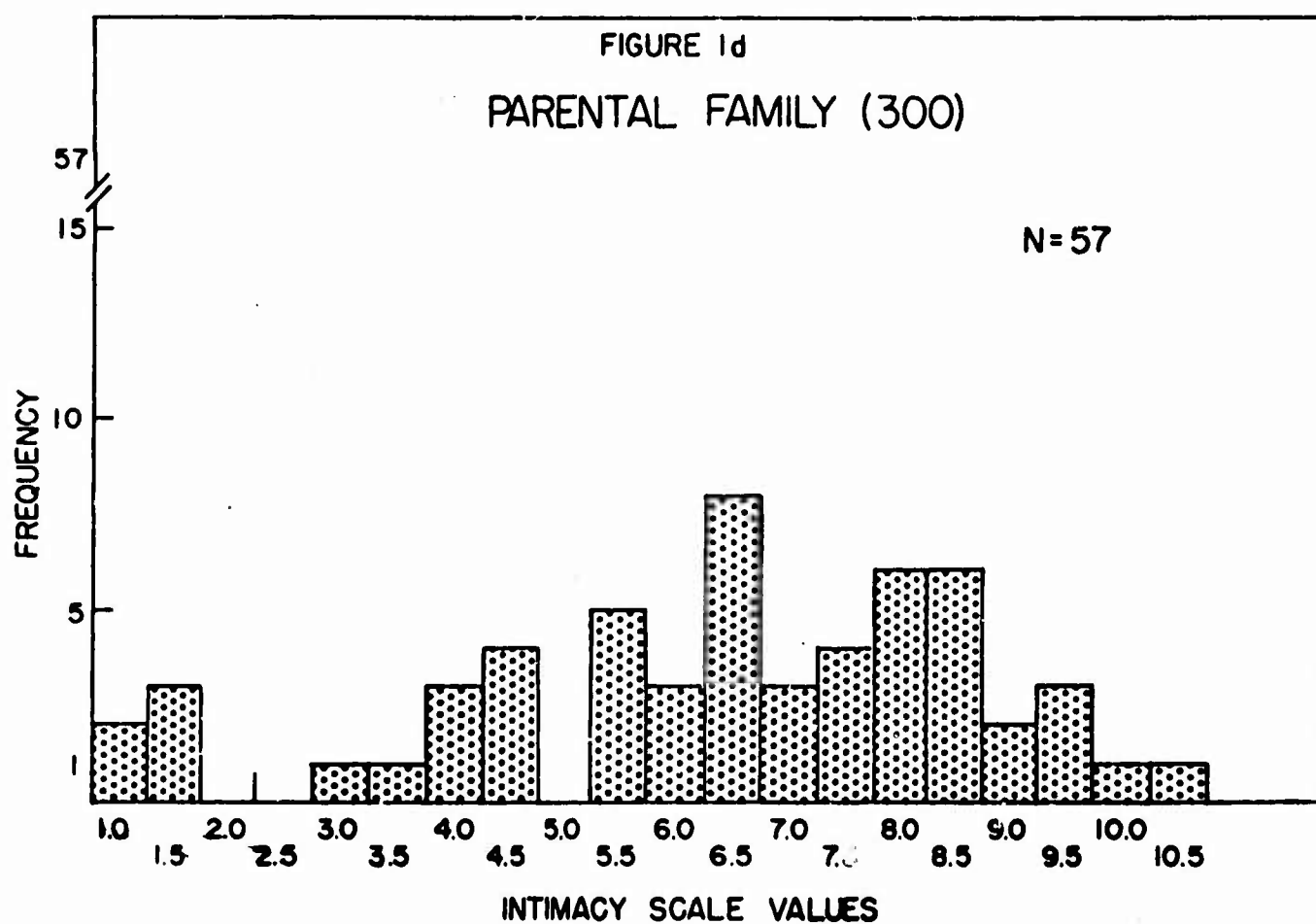
Figures 1a - 1m show frequency distributions (histograms) of the scaled stimulus statements for each category for Navy Ss. Inspection of these figures gives some idea of the representative range of intimacy statements in each of the 13 categories. It can be seen that the spread of items along the intimacy scale is reasonably good for most categories, with only a few having a range less than a scale value of 7 units. It should be noted that a number of category distributions are somewhat skewed. For example, biographical information (Figure 1m) and hobbies, interests, and habits (Figure 1i) tend to contain items of a relatively superficial nature, whereas love, dating and sex topics (Figure 1c) are skewed toward the high intimacy end of the continuum. By combining related categories and renaming, or simply compounding nomenclature, an example of which is shown in Figures 2a and 2b, it may be possible to generate a more evenly spread distribution of statements if the existing pool within a category is insufficient for a specific need. This procedure might be especially applicable for categories containing only a few items.

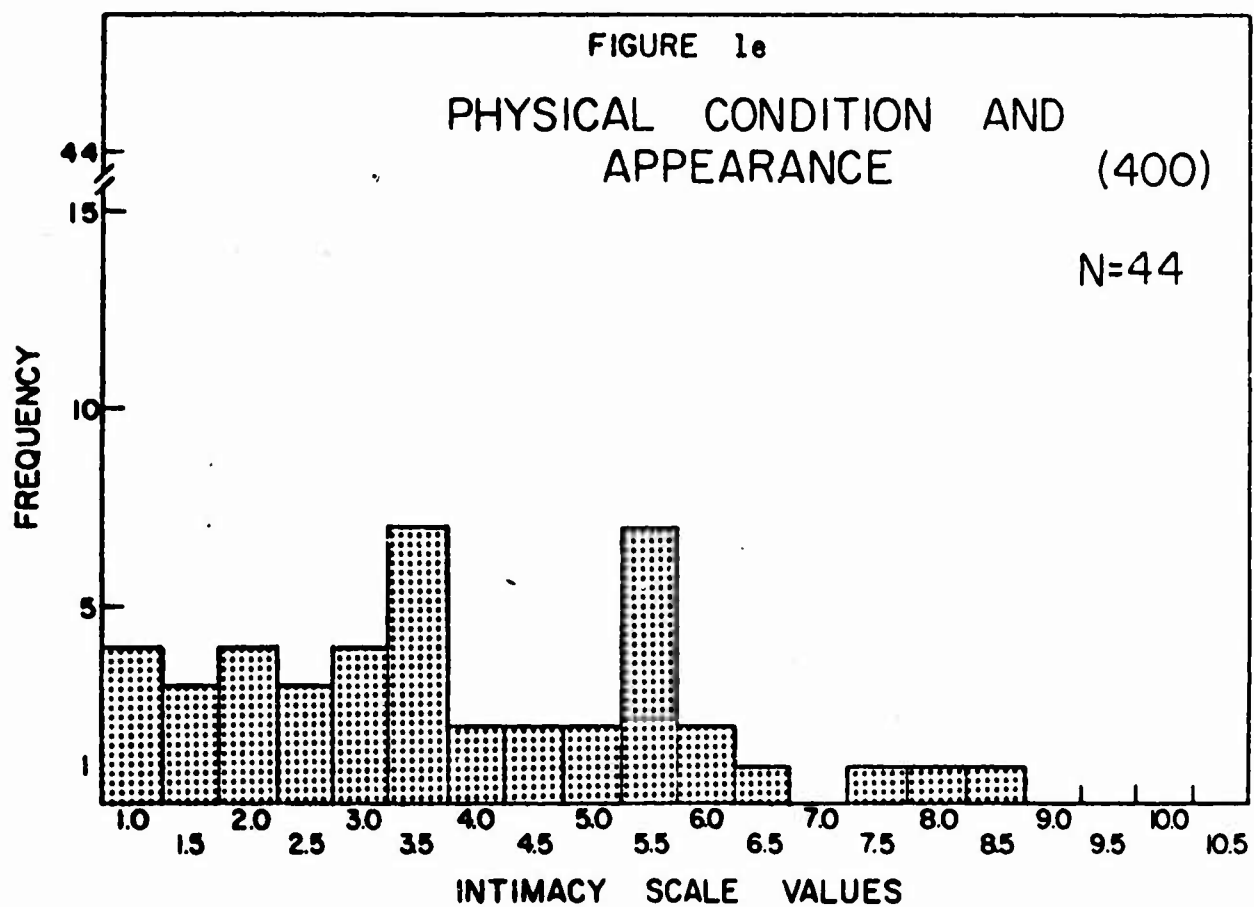
Table 2 presents means and standard deviations of scale values for each category and the total for navy and college populations. Examination of these data shows high overall agreement between populations regarding intimacy level of the stimulus materials. The degree of agreement is further indicated by the high correlations between scale values for individual statements in each category, with inter-sample ratings of intimacy yielding r 's ranging from .76 to .94. It should be pointed out, however, that college students exhibited much more internal consistency or

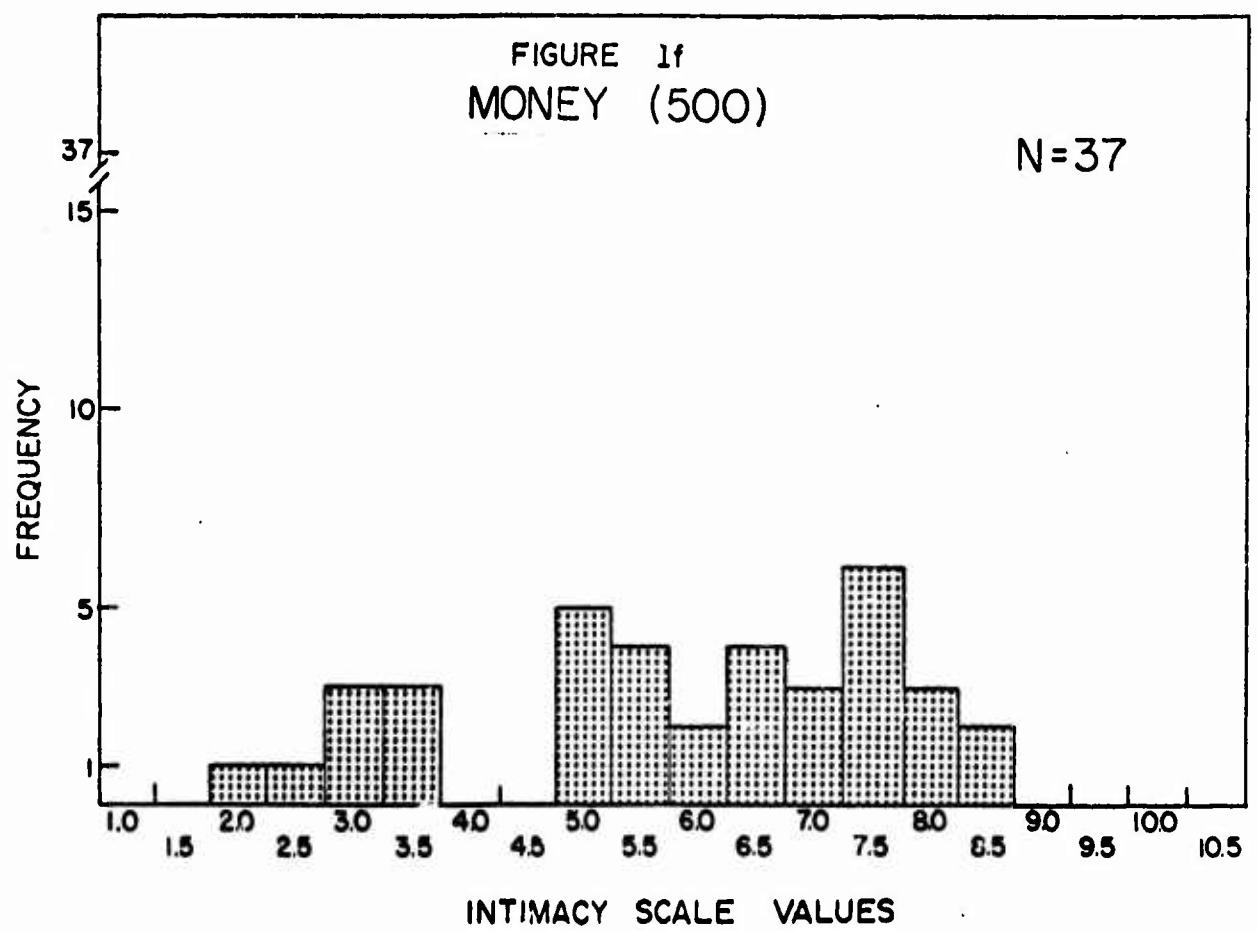












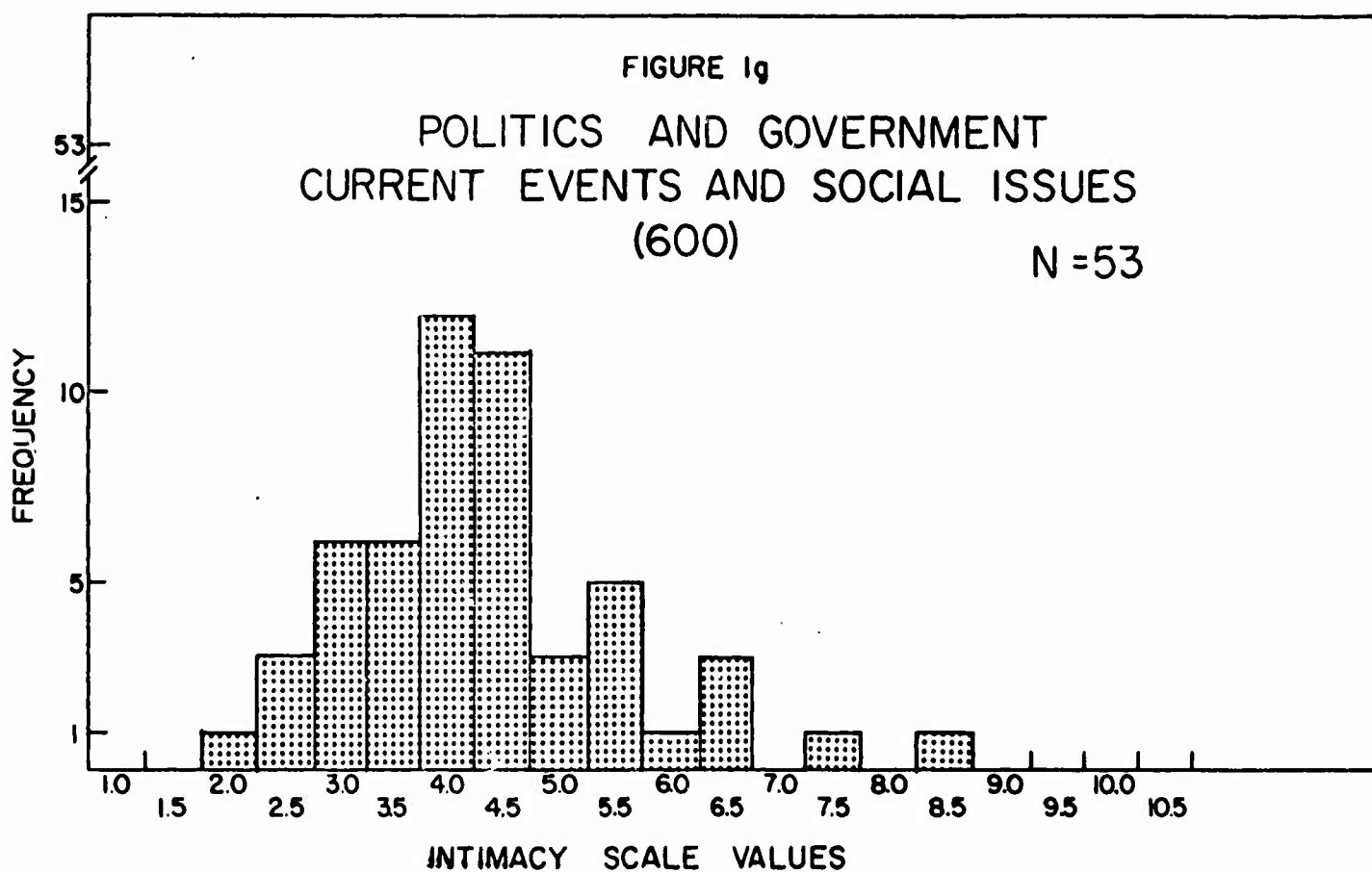
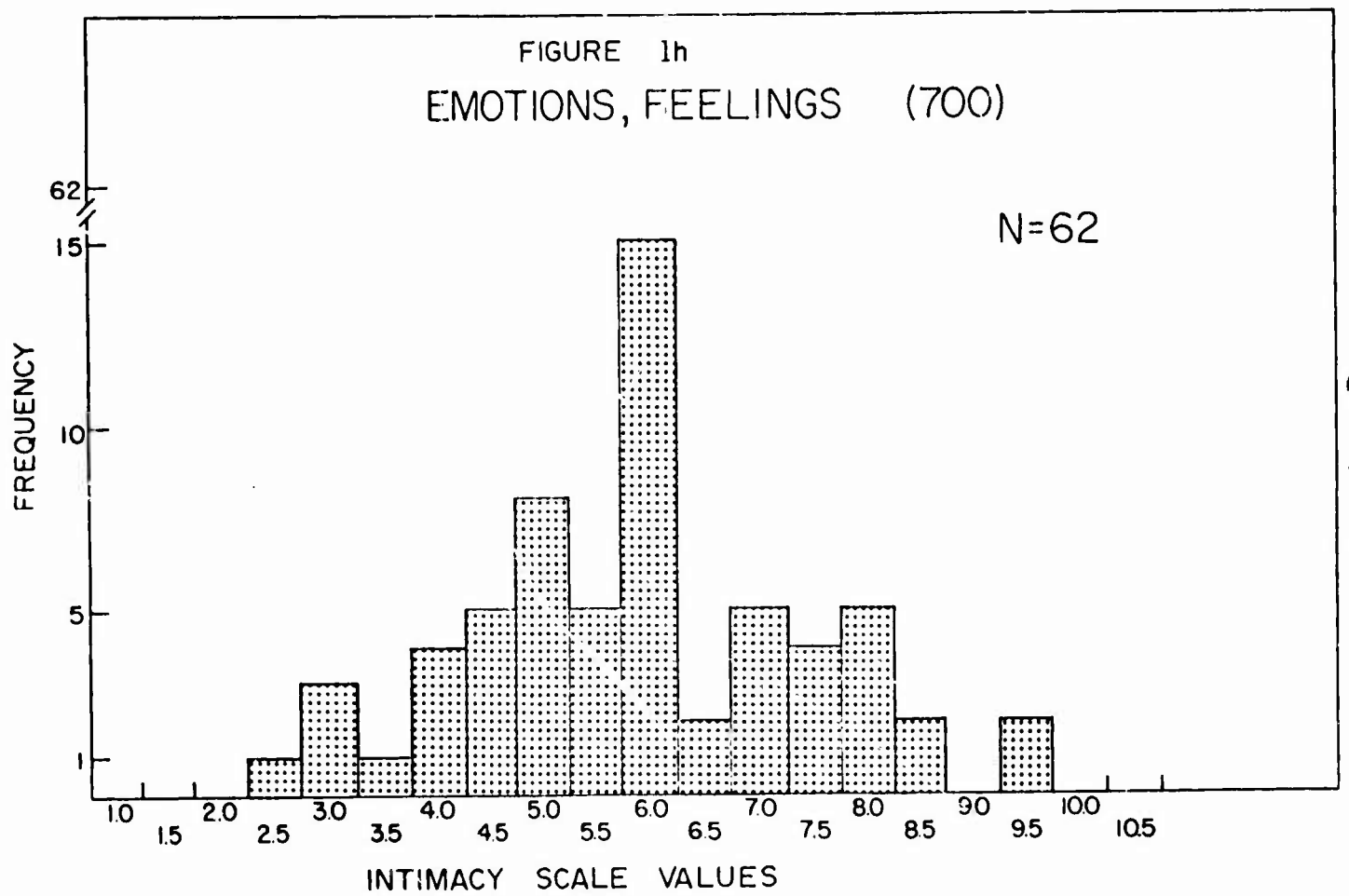
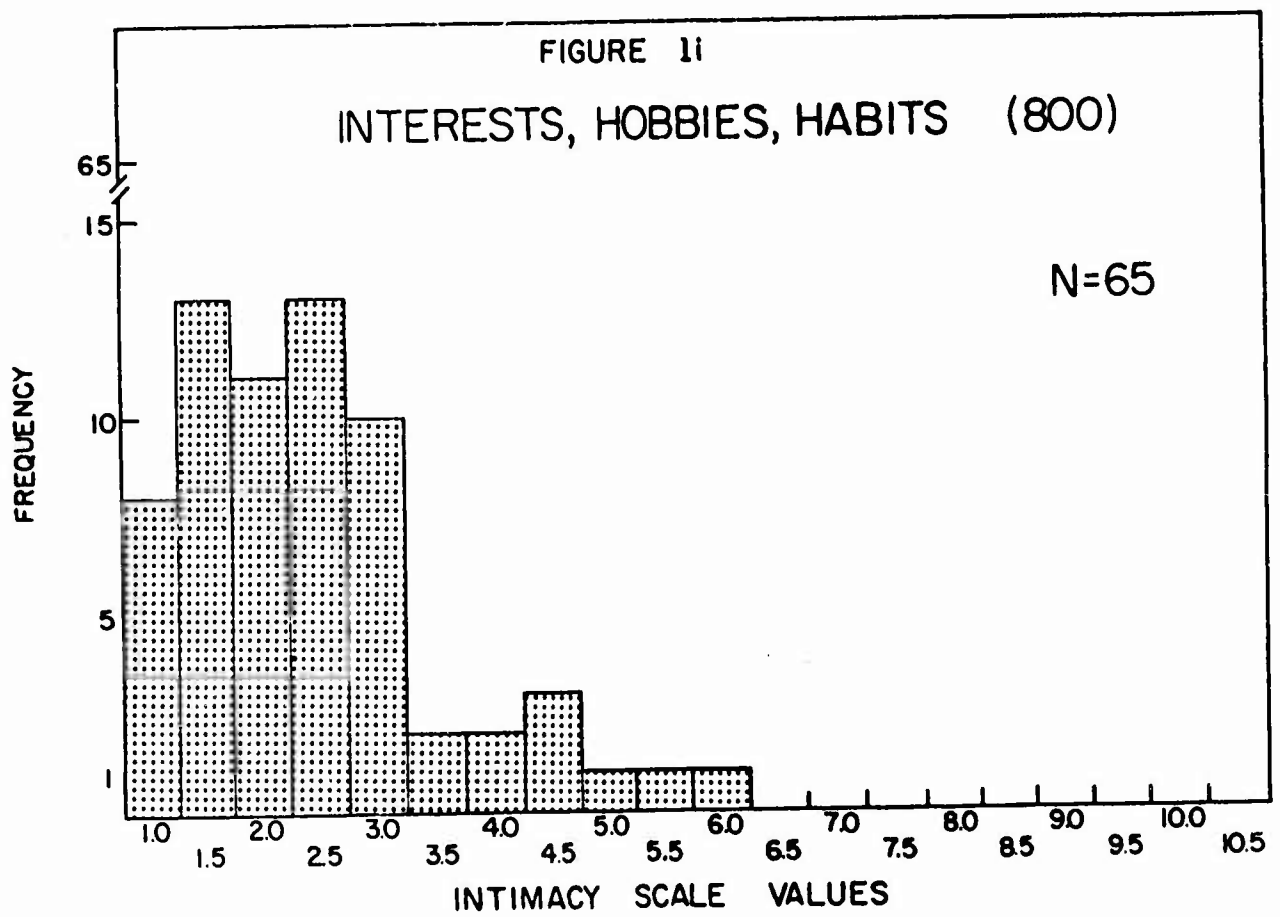
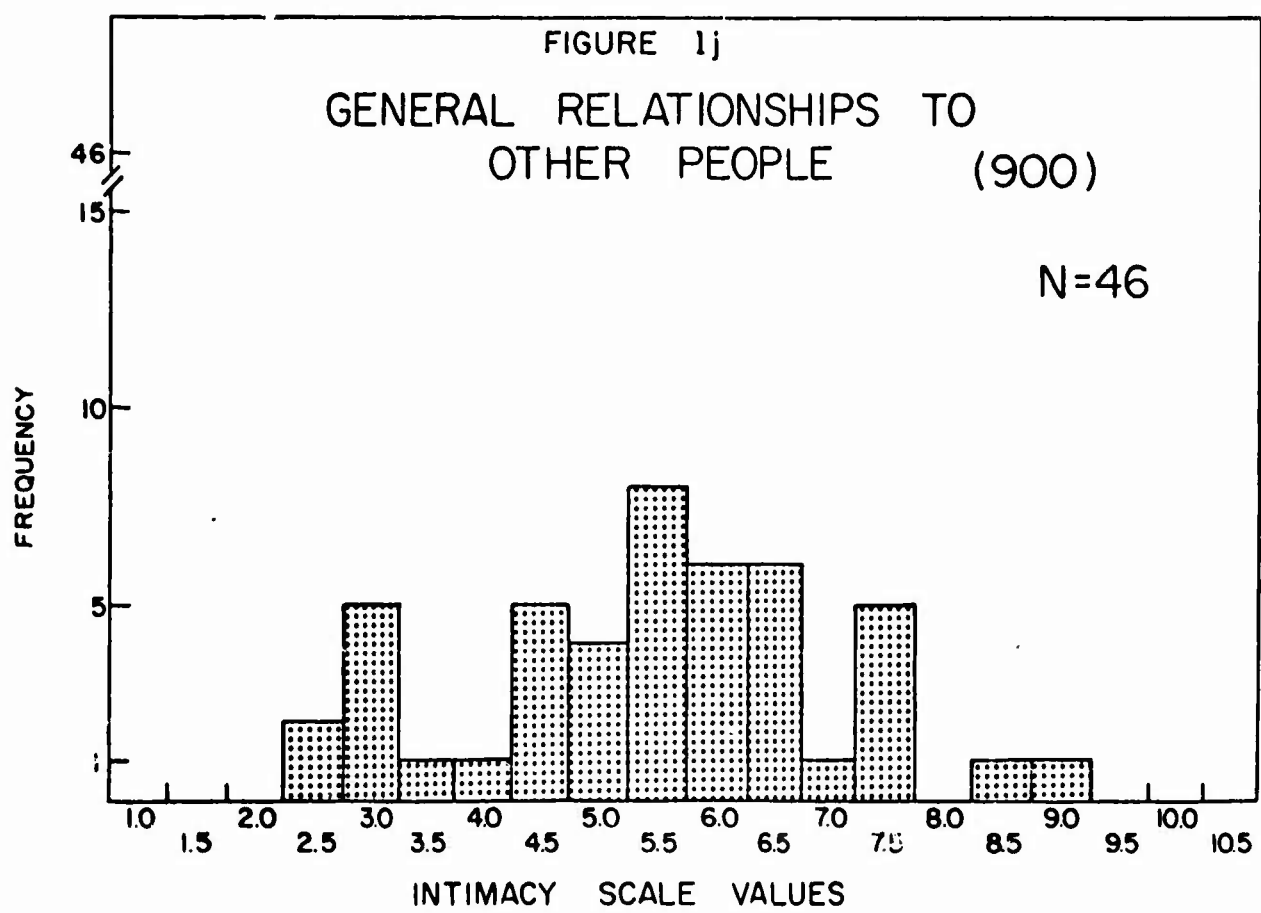
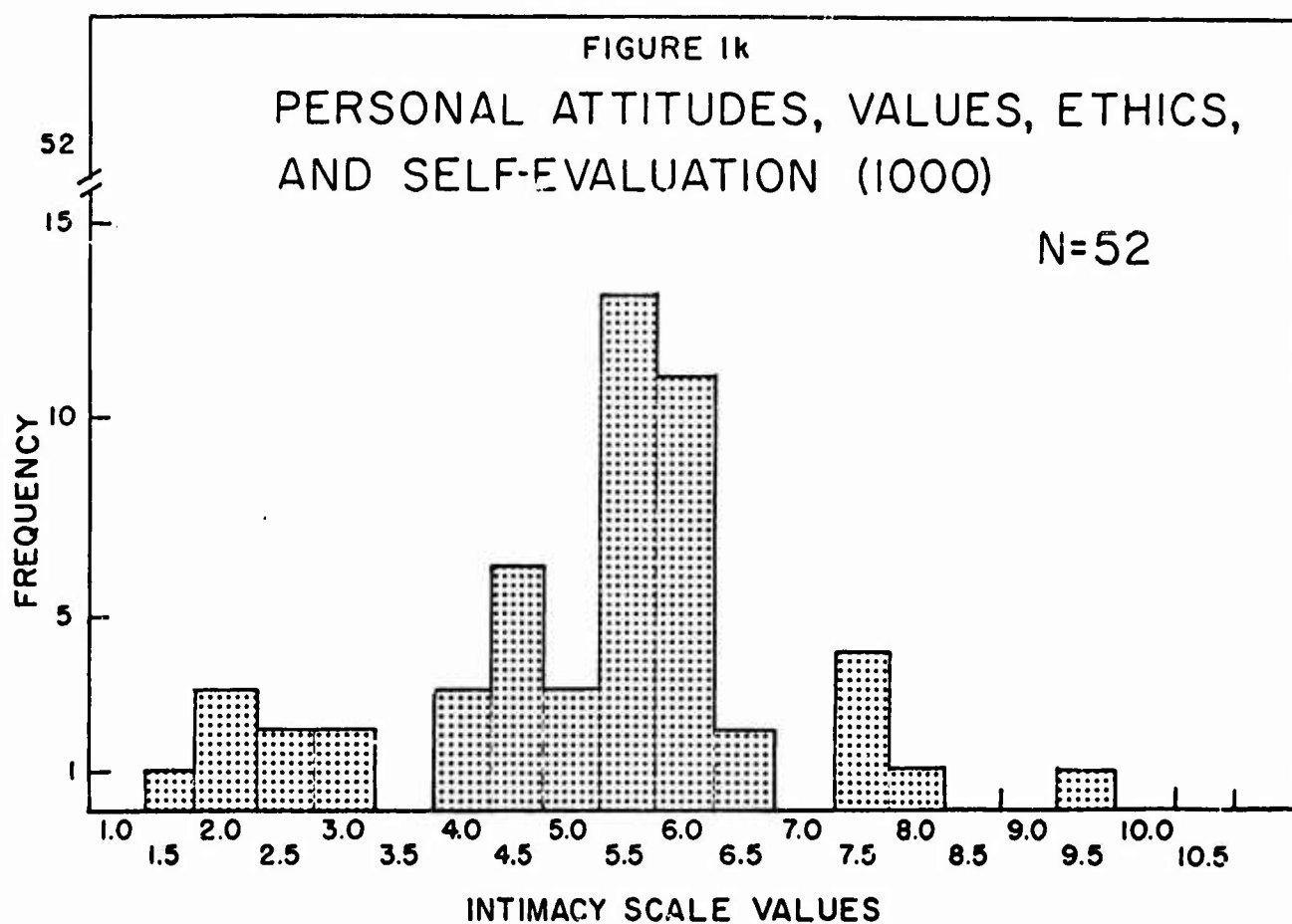


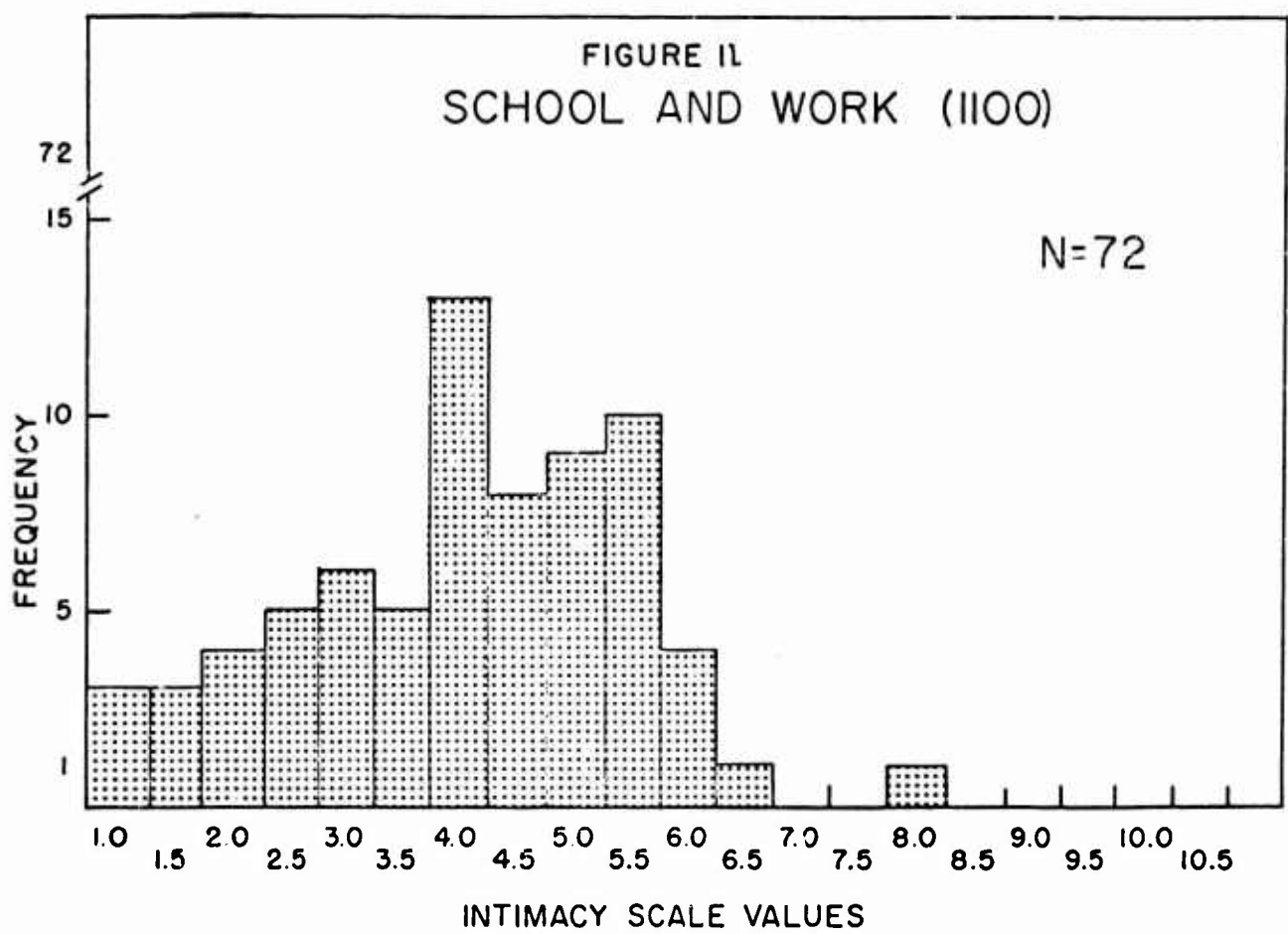
FIGURE 1h
EMOTIONS, FEELINGS (700)

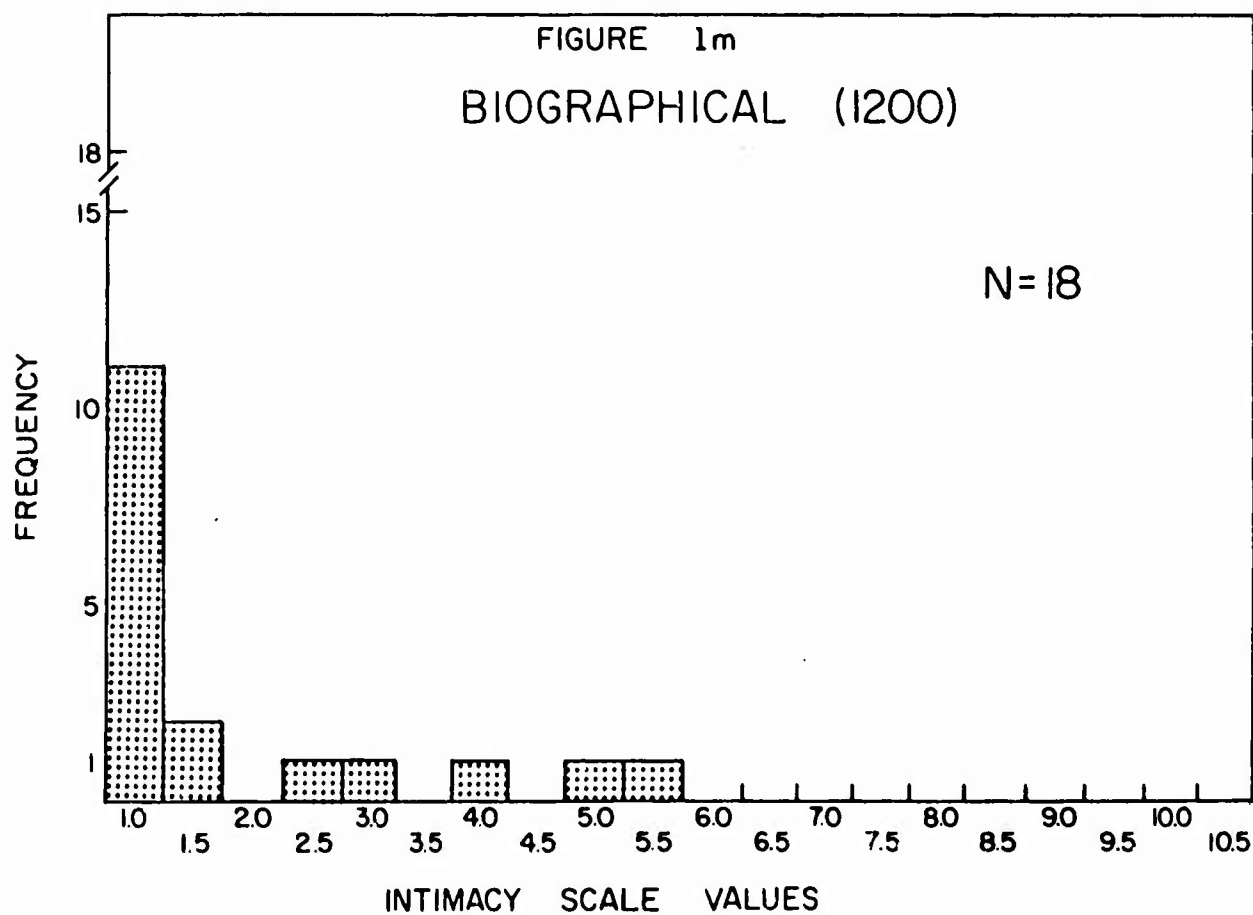


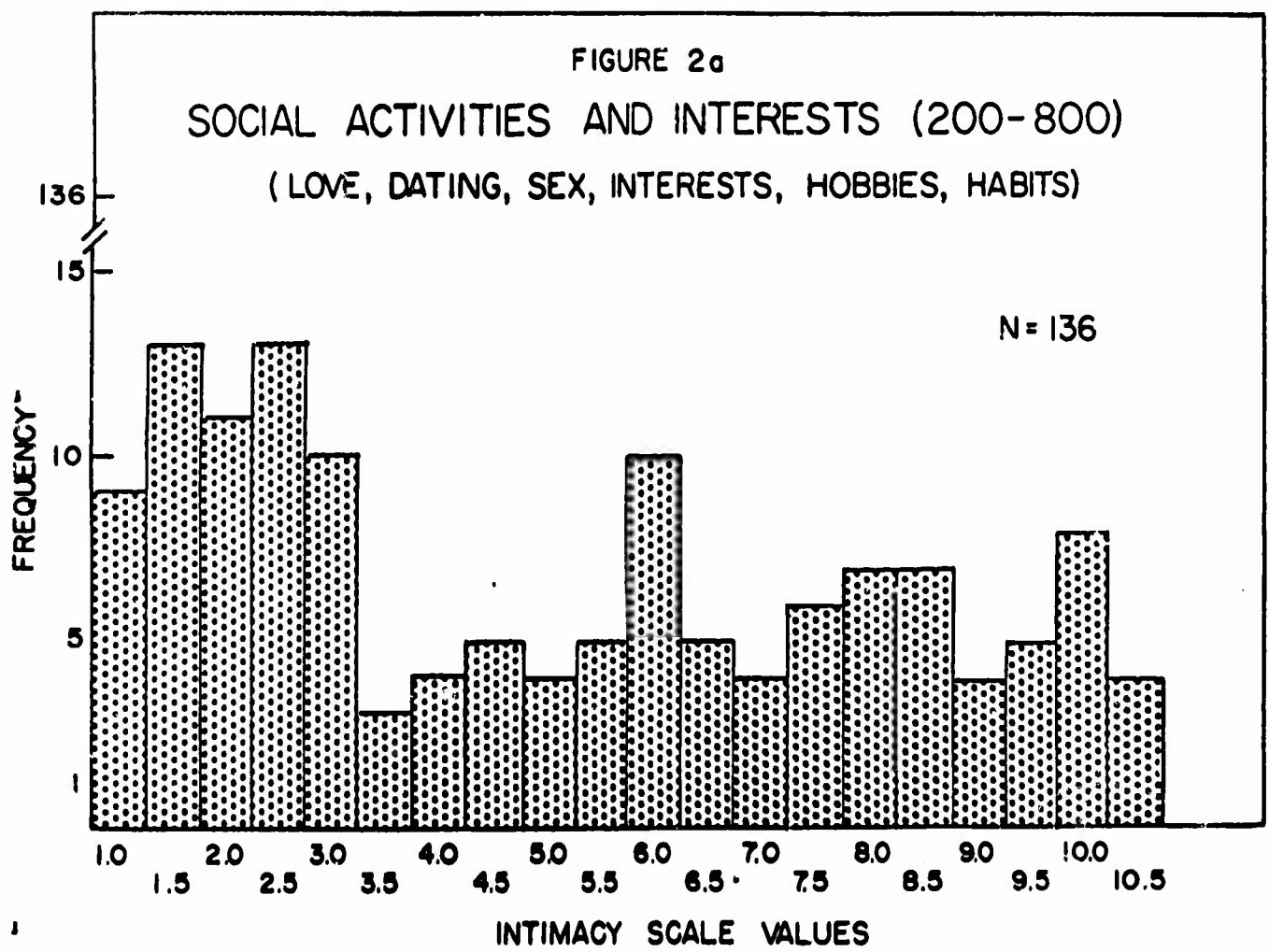












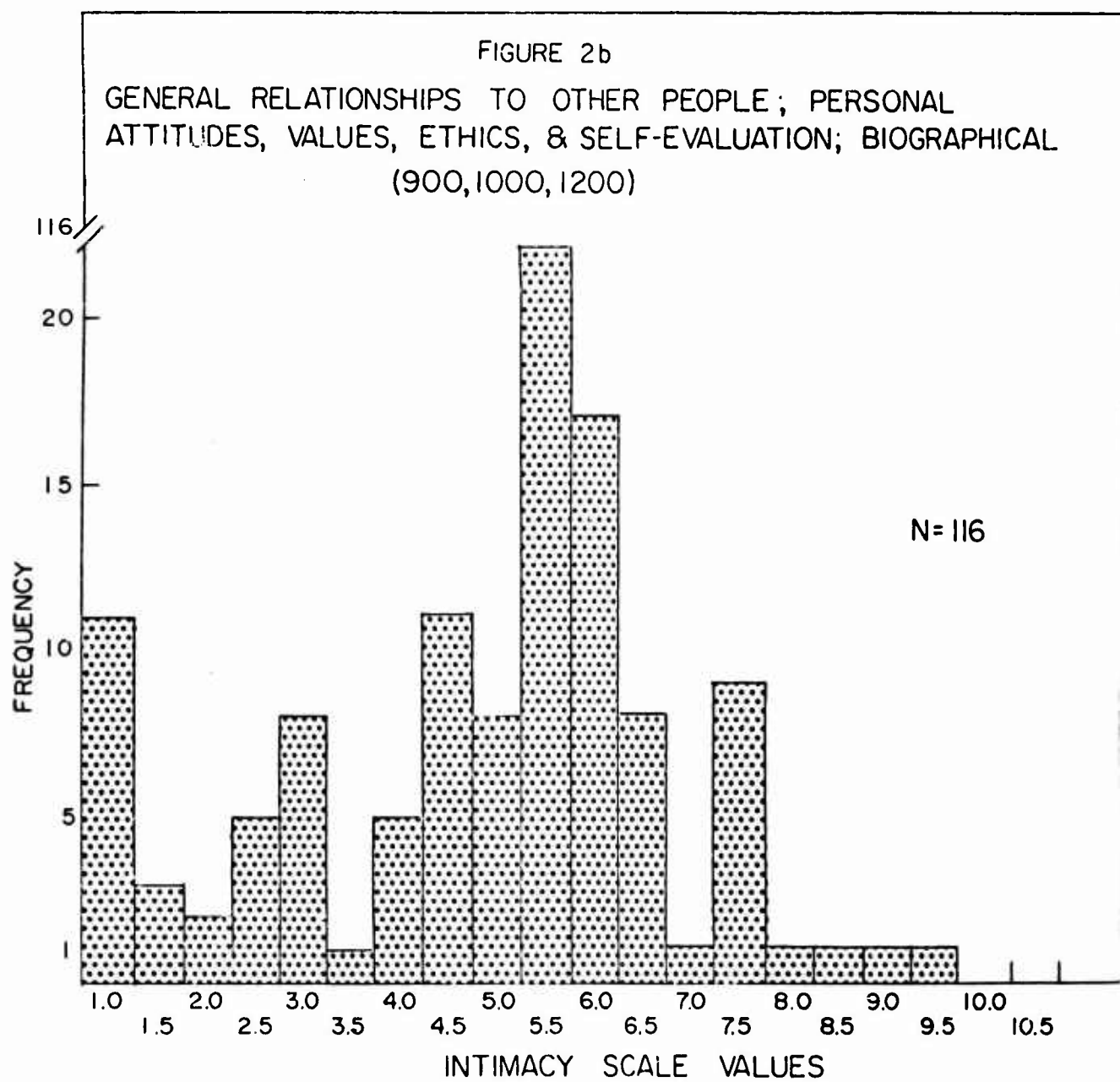


TABLE 2
Mean Scale Values, Standard Deviations and Correlations
for Navy and College Subjects

Category	No. Items	Navy	<u>Ss</u>	College	<u>Ss</u>	r
		\bar{X}	σ	\bar{X}	σ	
000	38	6.36	1.44	5.48	1.66	.80
100	56	6.71	1.85	6.34	1.84	.94
200	71	7.72	1.83	7.62	2.00	.87
300	57	6.52	2.30	6.66	2.26	.91
400	44	4.14	1.98	4.15	2.12	.90
500	37	6.06	1.72	5.90	1.61	.76
600	53	4.58	1.29	3.76	1.36	.86
700	62	6.06	1.58	6.63	1.70	.92
800	65	2.60	1.10	2.69	1.22	.78
900	46	5.65	1.56	5.92	1.58	.90
1000	52	5.42	1.58	5.82	1.66	.82
1100	72	4.30	1.38	4.84	1.58	.77
1200	18	2.09	1.42	1.92	1.27	.70
Total	671	5.40	2.24	5.40	2.30	.90

agreement than Navy Ss, as evidenced by generally low Q-scores for the college Ss (see Appendix).

Original nomenclature for category grouping of items was, for the most part, logical and apriori. However, efforts were made to validate empirically these decisions by computing percent agreement among judges in

locating each item in one of the 13 categories. From these judgements, three levels of item-category fit were identified: 1) high (62.5 - 100% of the judges agreed on category location for items), 2) Moderate (50 - 62.4% agreement among judges), and 3) Low (less than 50% of the judges agreed on an item's category location). This information is listed in the Appendix following each series of items within a topical category. Instances in which judges agreed in their disagreement with the apriori designations are also listed.

APPLICATION OF THE MATERIALS

So far we have dealt with the development and construction of a battery of structured stimulus materials for use in social psychological research. Now it might be appropriate to turn to some possible applications of this material. In connection with our own research interests, these items can be used to develop self-disclosure questionnaires. The large pool of items and the psychometric scaling described above offer obvious advantages over existing questionnaires. Self-disclosure information can be elicited from respondents on two relevant parameters--topical areas of disclosure and level of intimacy within topical areas. Additionally, several alternate forms can be developed, thereby eliminating or minimizing sensitization with repeated testing. Our research on split-half and alternate-form reliability for 35-item questionnaires yielded reliability coefficients between .82 & .85. Obviously, effort must also be given to the question of validity.

Another way in which these statements could be used is in a structured

social encounter. With the help of a live confederate, pre-written messages or even a computer search procedure, social exchange paradigms could be experimentally programmed so that pre-arranged alternative responses could be selected from the pool, contingent on freely selected statements from the pool by a naive S. These statements and their relevant psychometric data can also be used to develop techniques for coding unstructured, freely occurring social exchanges, in the form of a modified behavior observation system. Obviously, a common danger to such applications is the assumption of equivalence of scale values for similar but not identical statements. Associated with this difficulty is the danger of generalizing beyond the "identical element" of a response to its entire context, especially in amplifications and qualifications that might be made by Ss. It should also be pointed out that the concept of "intimacy" is probably too global and requires considerable conceptual and empirical refinements. There are probably more molecular and multidimensional components of the concept which might profitably be explored through multidimensional scaling or other related approaches. This will be a future direction of our research. However, until undertaken, we consider these stimulus materials to be extremely useful in social psychological research.

SUMMARY

This report described the development and construction of psychometric materials for use in research on interpersonal exchange and self-disclosure. The materials included 671 statements about various aspects of the self which were scaled for "intimacy" and topical categories by judges from two different populations.

The item pool was developed in connection with a research program now being conducted on social penetration processes which occur in the development and dissolution of interpersonal relationships (Altman and Haythorn, 1965; Frankfurt, 1965; Taylor, 1965). A general hypothesis of the theoretical approach is that interpersonal relationships develop systematically over time, with gradually increasing mutual interpersonal exploration by dyad members via exchange of personal information and affect, engaging in joint social activities, etc.

Addressing ourselves to a critical problem in experimental social psychology--the lack of well-structured stimulus material--we have conducted Thurstone scaling on a battery of 671 statements dealing with various aspects of the self. Additionally, the statements were sorted by judges into one of 13 topical categories including Religion, Sex, Family, Interests, etc. Intimacy and category judgements were made by two independent populations (college students and sailors) using IBM Porta Punch Boards. Equal appearing interval analysis (Thurstone and Chave, 1929) was employed to obtain intimacy scale values and Q-scores. Agreement in scale value placement between the two populations was quite good, as reflected in a pooled Pearson product moment correlation ($r = .90$) and correlations ranging from .76 - .94 for the 13 categories considered individually.

The results of this psychometric scaling makes it possible to construct questionnaires directed at assessing inter- and intrapersonal events, with advantages not offered by existing self-disclosure questionnaires. Interpersonal information can be elicited from respondents on two relevant parameters--topical area of information and intimacy level within topical

areas. In addition, a variety of alternate forms can be developed in an effort to eliminate or minimize sensitization with repeated testing.

Structuring social exchange in a laboratory through a live confederate, written messages, or computer simulation are other ways in which these statements can be used. Obviously, such usage restricts freely occurring social exchange but in turn provides more rigorous experimental control. In situations where this degree of control is not possible or desirable, taped transcriptions can be coded using the scaled statements as an observer manual.

In conclusion, the scaled stimulus materials resulting from the psychometric procedures described above should contribute to the improvement of the general metric problem in experimental social psychology. These materials have the advantage of providing greater control, more rigorous measurement, and a facility of data collection and analysis heretofore not offered by other attempts to code interpersonal behaviors. Scales developed from these statements, like any others, will obviously have to be validated against independent behaviors.

REFERENCES

- Altman, Irwin. Aspects of the criterion problem in small group research. I. Behavioral domains to be studied. Acta Psychologica, 1966. In press.
- Altman, I. and Haythorn, W. W. Interpersonal exchange in isolation. Sociometry, 1965, 28, 411-426.
- Bales, R. F. Interaction process analysis. Cambridge, Mass.: Addison-Wesley, 1950.
- Butler, J. M. and Haigh, G. V. Changes in the relation between self-concepts and ideal concepts consequent upon client-centered counseling. In C. R. Rogers and Rosalind F. Dymond (Eds.), Psychotherapy and personality change; co-ordinated studies in the client-centered approach. Chicago, Ill.: University of Chicago Press, 1954, 55-76.
- Carnes, E. F. and Robinson, F. P. The role of client talk in the counseling interview. Educational and Psychological Measurement, 1948, 8, 321-326.
- Carter, L. F. A note on a new technique of interaction recording. Journal of Abnormal Social Psychology, 1951, 46, 258-260.
- Collier, R. M. A scale for rating the responses of the psychotherapist. Journal of Consulting Psychology, 1953, 17, 321-326.
- Exline, R. V. and Long, B. H. An application of psychological scaling methods to content analysis: The use of empirically derived criterion weights to improve intercoder reliability. Journal of Applied Psychology, 49, 2, 1965.
- Frankfurt, L. P. The role of some individual and interpersonal factors on the acquaintance process. Unpublished doctoral dissertation. The American University, Washington, D. C., 1965.
- Haythorn, W. W. Information systems Simulation and Modelling. A paper presented at the First National Congress on Information Sciences at Hotsprings, Virginia, 1962.
- Heyns, R. W. and Lippitt, R. Systematic observational techniques. In G. Lindzey (Ed.), Handbook of social psychology. Cambridge, Mass.: Addison-Wesley, 1954, 370-404.
- Jourard, S. M. Self-disclosure patterns in British and American college females. Journal Social Psychology, 1961, 54, 315-320.

- Jourard, S. M. and Lasakow, P. Some factors in self-disclosure. Journal of Abnormal and Social Psychology, 1958, 56, 91-98.
- Lasswell, H. D. Verbal references and physiological changes during the psychoanalytic interview: a preliminary communication. Psychoanalytic Review, 1935, 22, 10-24.
- McGrath, J. E. Toward a "theory of method" for organizations. Chapter in New Perspectives in Organization Research. (Eds.) W. W. Cooper, H. J. Leavitt, M. W. Shelly, II, John Wiley and Sons, Inc., 1964.
- Marsden, Gerald. Content analysis studies of therapeutic interviews: 1954 to 1964. Psychological Bulletin, 1965, 63, 5, 298-321.
- Mowrer, O. H. Changes in verbal behavior during psychotherapy. In O. H. Mowrer (Ed.). Psychotherapy, theory and research. New York: Ronald Press, 1953, 463-545.
- Muench, G. A. and Rogers, C. R. Counseling of emotional blocking in an aviator. Journal of Abnormal and Social Psychology, 1946, 41, 207-215.
- Murray, E. F., Auld, F., Jr., and White, A. M. A psychotherapy case showing progress but no decrease in the Discomfort-Relief Quotient. Journal of Consulting Psychology, 1954, 18, 349-353.
- Palmer, G. J. A method for objective measurement of interpersonal relations and group behavior. Technical Report No. 1 to ONR Contract Nour. 475 (08), October, 1960.
- Palmer, G. J. Information processes in interpersonal relationships. Technical Report No. 7 to ONR Contract Nour. 4067 (00), April 21, 1963.
- Pool, Ithiel (Ed.). Trends in content analysis. Urban, Ill.: University of Illinois Press, 1959.
- Rickers-Ovsiankina, M. A. Social accessibility in three age groups. Psychological Report, 1956, 2, 283-284.
- Rickers-Ovsiankina, M. A. and Kusmin, A. A. Individual differences in social accessibility. Psychological Reports, 1958, 4, 391-406.
- Rogers, C. F. Counseling and psychotherapy: newer concepts in practice. Boston, Mass.: Houghton, 1942.
- Rogers, C. R. Dealing with social tensions: a presentation of client-centered counseling as a means of handling interpersonal conflict. New York: Hinds, 1948.

- Rogers, C. R. Client-centered therapy; its current practice, implications, and theory. Boston, Mass.: Houghton, 1951.
- Rogers, C. R. and Dymond, R. F. (Eds.). Psychotherapy and personality change; co-ordinated studies in the client-centered approach. Chicago, Ill.: University of Chicago Press, 1954.
- Rogers, C. R. and Wallen, J. L. Counseling with returned servicemen. New York: McGraw, 1946.
- Stock, Dorothy and Thelen, H. A. Emotional dynamics and group culture: Experimental studies of individual and group behavior. New York: New York University Press, 1958a.
- Stock, Dorothy and Thelen, H. A. Group culture and emotional dynamics. Chicago, Ill.: University of Chicago Press, 1958b.
- Taylor, D. A. Some aspects of the development of interpersonal relationship; social penetration processes. ONR Technical Report, No. 1, Contract Number Nonr-2285 (C4), May 29, 1965.
- Thurstone, L. L. and Chave, E. J. The measurement of attitude. Chicago, Ill.: University of Chicago Press, 1929.

APPENDIX

This Appendix contains the 671 scaled statements listed by category. The first number before each statement designates the category code and ordinal position of the statement within the category. The second number, in parenthesis, indicates the questionnaire sheet and item position in which the statement was scaled. Following each statement is its intimacy scale value and Q-score for both Navy and college Ss.

Empirical agreement among judges regarding topical category is indicated at the end of each category listing. The statements are divided into high, medium, and low agreement, and a fourth grouping identifies statements in which judges agreed on a category other than the apriori designated one.

001 RELIGION

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
001	(M13)	My feelings about a life hereafter.	5.900	5.179	6.83	6.20
002	(G19)	Occasions when I pray.	8.722	4.050	7.85	3.93
003	(C19)	How often I read the Bible or other religion books.	8.100	5.572	5.50	4.44
004	(D35)	The extent to which I feel there is only one true religion.	6.750	6.625	4.17	4.00
005	(L35)	What I believe about God.	8.250	4.968	8.30	5.72
006	(06)	How religious I am in comparison to most other people.	6.200	4.600	6.27	3.85
007	(T18)	My feelings about religious denominations other than my own.	6.500	5.825	4.07	3.63
008	(K31)	How I would feel about marrying a person of a different religion.	6.000	5.000	5.57	3.67
009	(J25)	My feelings about the place of religion in every-day life.	5.643	3.991	3.31	5.51
010	(J23)	My feelings about whether or not there is a conflict between religious and scientific beliefs.	4.500	4.955	4.45	3.63
011	(D1)	How important I think it is to be a church member if I am to lead a good life.	5.591	4.107	3.70	4.10
012	(K21)	The religious denomination to which I belong.	2.750	4.654	2.10	3.04
013	(S12)	My feelings about weekly church attendance.	5.300	4.916	4.83	4.47
014	(S13)	My personal religious views.	7.500	4.800	6.00	4.75

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
015 (F31)	How often I go to church.	6.166	7.125	5.61	4.78
016 (P11)	Times it would be all right to go against my religious beliefs.	8.954	3.456	8.22	3.69
017 (P13)	The reasons why I do or do not go to church.	8.166	4.980	5.88	5.56
018 (05)	The reasons why I am or am not religious.	7.214	3.723	6.00	4.66
019 (B33)	Whether or not I have ever gone to a church other than my own.	5.500	5.774	2.85	3.91
020 (B30)	Whether or not I have ever asked for advice from a minister, priest, or rabbi.	7.750	5.115	8.54	3.40
021 (N19)	What I feel are the important functions of a minister, priest, or rabbi.	6.500	5.400	6.06	4.61
022 (E2)	How important I think it is to have chaplains in the Armed Forces.	4.000	4.146	3.06	4.10
023 (Q30)	How much religious training I had as a child.	5.864	3.966	5.43	4.65
024 (Q9)	How much religious training or instruction I have had as an adult.	6.500	4.917	6.45	3.36
025 (L2)	What I think about people who change religions.	6.318	3.652	5.63	4.29
026 (A27)	What I think about people who never go to church.	6.536	4.433	5.67	4.66
027 (C24)	My beliefs concerning the existence of Heaven and Hell.	6.999	5.938	5.60	4.07

001 Religion (Cont'd)

3

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
028 (T13)	My feelings about whether or not religion should be able to influence politics.	5.700	4.850	4.25	3.04
029 (E18)	Any doubts I have ever had about my religious beliefs.	8.300	4.417	7.11	5.05
030 (N16)	How much money I give to the church.	8.667	4.667	8.68	3.70
031 (H20)	What I dislike about religion.	7.500	4.153	5.75	5.08
032 (G27)	What I respect most about religion.	4.333	4.875	5.00	4.89
033 (M30)	How often I pray.	7.833	5.650	8.50	4.27
034 (R3)	My feelings about atheists.	5.200	3.425	4.50	3.56
035 (R6)	My feelings about Jews.	5.833	5.792	5.88	5.50
036 (A1)	My feelings about Protestants.	4.750	6.542	3.16	4.47
037 (F16)	My feelings about Catholics.	4.100	5.792	4.50	4.83
038 (H14)	Times I have seen supposedly religious people do dishonest or unfair things.	6.125	4.111	4.46	4.20

RELIGION (001) N = 38

HIGH AGREEMENT

001, 002, 003, 004, 005, 006, 007, 009, 011, 012, 013, 014, 015, 016,
017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 028, 029, 031, 032,
033, 035, 036, 037.

MODERATE AGREEMENT

010, 027, 034, 038.

LOW AGREEMENT

None

DISAGREEMENT

008, 030.

Item	Category placed by <u>LS</u>	Percent
008	Own Marriage	(50.0)
030	Money	(50.0)

100 OWN MARRIAGE AND FAMILY

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
100 (C17)	What is more important to me--early marriage or a successful career.	7.250	5.938	6.10	3.06
101 (P9)	The number of children I want to have after I am married.	5.928	4.937	5.91	3.83
102 (P10)	Whether or not I want to have any children when I get married.	7.333	4.000	6.42	5.13
103 (J19)	The way I would like to live after I am married.	6.500	3.604	6.25	3.93
104 (F30)	The kind of person I would like to marry.	6.227	6.334	6.67	3.60
105 (A14)	What kind of furniture I would like to have after I get married.	3.166	4.000	3.00	3.79
106 (N32)	Who I think should make important family decisions.	5.500	4.012	5.00	3.68
107 (C27)	My ideas concerning marriage.	6.333	4.021	6.42	2.99
108 (M27)	Whether or not I would marry a non-virgin.	10.167	2.932	9.50	4.69
109 (N35)	The kind of wedding I want to have.	5.773	3.667	5.06	3.50
110 (N33)	How much sex education I would give my children.	8.600	3.689	7.50	3.40
111 (H29)	How important I think sex will be in making my marriage a good one.	8.833	2.231	8.61	3.00
112 (H28)	The way in which I want to raise my children.	7.136	3.050	6.33	3.79
113 (G18)	The age at which I would like to marry.	4.945	4.675	4.25	2.72

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
114 (G17)	My feelings about separation or divorce.	6.600	2.322	5.87	3.16
115 (F14)	How frequently I would want to engage in sex with my wife.	10.743	1.522	10.42	1.89
116 (T19)	How often I think children should be spanked.	4.750	4.075	4.12	3.17
117 (G11)	What I would do if my son stole a bicycle.	7.722	3.271	7.06	3.40
118 (A33)	How I would feel about leaving my children with a baby sitter.	5.500	4.542	4.79	3.50
119 (M4)	My reactions if my child came home with a black eye.	4.300	3.808	5.25	4.17
120 (M28)	The number of people I would like to have at my wedding.	4.500	3.660	4.39	4.30
121 (F13)	My feelings about helping my wife with the housework.	5.000	4.133	5.00	4.39
122 (A32)	How I would feel about my wife's parents coming to stay with us for a month.	7.611	5.001	6.50	3.75
123 (L34)	How I would feel about living with my wife's parents.	7.722	3.541	7.68	3.25
124 (L33)	My reactions if my wife turned out to be a "big spender" on clothes for herself.	6.166	3.361	6.61	2.85
125 (L12)	Where I would like to spend a honeymoon.	5.071	6.087	5.92	4.66
126 (K20)	My ideas about who should manage the money in my marriage.	5.625	4.833	5.61	2.91
127 (K19)	Whether or not I would lie to my wife.	8.800	4.111	8.93	2.38

100 Marriage--Family (Cont'd)

6

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
128 (K18)	What I would do if I found that my wife had lied to me.	8.875	4.134	8.98	2.82
129 (S32)	Whether or not I would want my wife to work.	5.000	5.063	5.23	3.19
130 (S3)	The amount of allowance I would be willing to give my children.	5.500	3.571	5.10	3.56
131 (D9)	The amount of money I think my wife should spend for clothes.	6.389	4.067	5.50	3.33
132 (D7)	How much money I would be willing to spend for my children's education.	6.667	5.250	5.72	4.79
133 (D22)	Who should discipline the children--my wife or me.	6.750	3.572	5.77	2.85
134 (O35)	Whether I would rather live in an apartment or a house after getting married.	4.125	4.050	3.09	2.54
135 (O27)	How I would feel about seeing my wife in rollers.	4.000	4.000	3.86	3.54
136 (O7)	Whether or not I would use birth control methods in marriage.	9.500	4.515	6.58	4.78
137 (Q8)	What birth control methods I would use in marriage.	9.900	3.132	9.31	2.62
138 (Q21)	Whether or not I'd like to see my wife in a bikini.	6.409	4.333	6.71	4.09
139 (Q35)	What I would want my wife's temperament to be.	7.000	3.580	7.19	3.15
140 (R26)	Habits I wouldn't tolerate in a wife.	6.500	4.333	6.64	4.08
141 (R9)	How well-built I want my wife to be.	7.167	4.518	7.79	3.64

100 Marriage--Family (Cont'd)

7

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
142 (R30)	Things which I would never tell my wife.	10.100	3.157	9.84	2.36
143 (S14)	How good a cook I want my wife to be.	4.083	2.854	3.50	2.40
144 (P22)	Common interests that I would like my wife and I to have.	7.000	3.950	6.00	4.29
145 (T20)	What I would do if it seemed that my marriage was not a success.	9.409	2.584	8.93	3.05
146 (C18)	How I feel about engagement rings.	5.500	4.886	4.86	3.04
147 (T27)	Whether or not I would wear a wedding ring.	3.250	6.455	3.07	4.17
148 (B34)	How much I would be willing to spend for a wedding or engagement ring.	8.000	3.565	6.71	3.83
149 (B21)	Whether or not I think a wife should get up and make breakfast for me.	5.611	4.275	4.44	4.02
150 (J20)	My feelings about how long I would like to know a girl before marrying her.	6.214	5.200	6.44	3.79
151 (E22)	What I would do if I caught my wife playing around with some other man.	9.357	3.304	9.65	3.48
152 (E8)	How I would feel about having sex relations with another woman after I was married.	9.900	2.982	10.33	2.22
153 (J18)	How I feel about financially supporting my wife's parents.	8.277	3.933	8.22	3.11
154 (H10)	How I would feel about having my mother-in-law live with me permanently after I was married.	7.500	3.714	6.25	4.34

100 Marriage--Family (Cont'd)

8

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
155 (E21)	When I'm married what kind of bed I would prefer-- two singles, or a double.	5.785	6.400	5.94	5.13

OWN MARRIAGE AND FAMILY (100) N = 56

HIGH AGREEMENT

101, 102, 103, 104, 105, 107, 109, 111, 112, 115, 116, 117, 118, 121,
123, 125, 127, 128, 129, 133, 134, 135, 138, 139, 140, 143, 144, 145,
149, 154, 155.

MODERATE AGREEMENT

106, 108, 110, 122, 124, 126, 130, *132, 136, 141, 146.

LOW AGREEMENT

113, 114, 119, 120, 137, 142, 150, 151, 153.

DISAGREEMENT

100, 131, *132, 147, 148, 152.

Item	Category placed by <u>Ss</u>	Percent
100	Attitudes	(75.0)
131	Money	(50.0)
*132	Money	(50.0)
147	Attitudes	(56.2)
148	Money	(56.2)
152	Love	(56.2)

* Fifty percent of the judges sorted item 132 in category Money and 50% agreed with the apriori designation (Own Marriage and Family).

200 LOVE - DATING - SEX

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
200 (A17)	My feelings about standards of sexual behavior before marriage.	8.625	4.105	3.83	3.06
201 (P24)	How often I masturbate.	9.300	4.725	10.70	1.42
202 (M14)	How old I was the first time I had sexual relations.	10.000	3.572	9.65	2.75
203 (H24)	How often I have had sexual relations in my life.	9.750	2.843	9.97	2.29
204 (H19)	My feelings about blind-dates.	5.167	4.625	3.46	2.95
205 (G10)	Times that I have lied to my girlfriend.	9.423	1.922	8.56	2.74
206 (T26)	My feelings about sexy movies.	4.666	4.535	4.50	3.63
207 (G8)	Dreams I have had about sex matters.	8.900	2.823	9.45	2.55
208 (G7)	The amount of sexual freedom I feel women should have.	8.357	4.013	7.20	3.30
209 (F6)	My sex life.	10.608	1.804	10.25	2.24
210 (F19)	What I would do if I got a girl pregnant.	10.389	2.780	10.34	1.63
211 (F18)	My experiences with prostitutes.	10.250	4.624	9.92	2.32
212 (F1)	Whether or not I have necked or made-out with a girl at a movie or a drive-in.	6.900	4.975	6.50	5.92
213 (C4)	What I think makes a girl look "cheap".	4.300	3.304	4.28	3.86

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
214 (C3)	My personal standard of beauty and attractiveness in women--what I consider to be an attractive woman.	5.000	5.417	4.50	2.78
215 (C22)	The things desirable for a woman to be--what I look for in a woman.	7.700	3.800	6.25	3.35
216 (C21)	The kind of person I like to date.	6.056	3.770	6.40	2.64
217 (D17)	How often I usually go on dates.	6.100	4.292	5.28	3.63
218 (D16)	My dating habits.	8.500	4.050	7.10	2.95
219 (A16)	My love life.	10.638	2.068	10.00	1.79
220 (A30)	The description of a person with whom I was or am in love.	7.667	5.188	9.17	3.00
221 (S4)	The name of a person with whom I have been or am in love.	6.500	5.375	7.13	4.65
222 (S6)	The kind of person with whom I would like to have sexual experiences.	8.722	4.539	8.83	3.30
223 (G9)	How I feel about giving a girl "a line" to have a sexual affair with her.	8.500	3.161	8.35	2.68
224 (H5)	What I do to attract a member of the opposite sex whom I like.	8.000	3.588	8.54	2.76
225 (H4)	Things I worry about when I'm with a girl.	8.083	3.188	8.71	2.56
226 (T28)	Instances in which I have been in love with someone.	9.584	3.358	8.58	3.67

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
227 (T25)	My views on sexual morality--how I feel that I and others ought to behave in sexual matters.	8.214	3.984	7.50	3.53
228 (J21)	Disappointments or bad experiences I have had in love affairs.	9.612	3.432	9.79	1.87
229 (M33)	Times that I have "cheated" on my girlfriend.	9.167	3.914	8.50	3.22
230 (D4)	Whether or not I have ever felt the urge to hit a girl who hurt me in some way.	7.654	4.125	6.61	4.36
231 (E17)	My reactions if I saw my girlfriend out with another guy.	8.166	5.000	8.82	2.97
232 (E35)	What I would do if my best friend's girl made sexual advances to me.	10.137	2.191	9.68	3.00
233 (E14)	My feelings about a girl that I could "pick-up".	7.214	4.214	7.54	3.50
234 (R10)	How I feel about meeting a girl's parents on a first date.	9.214	3.233	6.30	3.94
235 (M26)	What I think if a girl lets me kiss her on a first date.	7.750	5.053	7.68	4.22
236 (M25)	What I tell a girl when I'm no longer in love with her.	10.039	2.427	9.58	2.64
237 (R17)	How I feel about a girl after having had sexual relations with her.	10.125	2.932	10.41	2.05

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
238	(P34)	The age of girls that I like to date.	5.500	4.111	3.62	3.83
239	(Q34)	How many girls I have kissed.	6.250	4.425	7.63	5.08
240	(P35)	How many girls I have dated.	5.500	5.458	5.25	3.63
241	(P8)	Where I usually take a girl on a date.	6.375	5.125	4.75	2.85
242	(022)	My feelings about having sexual relations with a girl with whom I am in love.	10.765	1.508	9.97	1.92
243	(08)	What annoys me most about girls.	4.666	4.000	4.96	3.15
244	(09)	What I think about girls who will have sexual relations on a first date.	6.333	5.607	5.42	4.85
245	(011)	How long I know a girl before making sexual advances.	9.166	3.231	9.04	3.01
246	(T30)	The kinds of compliments I give to girls.	6.954	3.285	7.59	2.76
247	(S7)	The kinds of compliments that I like to receive from girls.	6.269	3.630	8.57	3.37
248	(S5)	How long it takes me to know whether or not I am in love with someone.	8.269	2.783	8.03	3.10
249	(N4)	The first time that I kissed a girl.	6.083	3.438	6.72	4.30
250	(N28)	Guilt feelings, if any, that I have (or have had) about my sexual behavior.	10.137	2.572	10.35	2.06

200 Love - Dating - Sex (Cont'd)

13

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
251	(N27)	My first date.	6.278	4.298	6.23	3.50
252	(N26)	Times when I have "told off" a girl.	6.072	4.512	7.58	2.62
253	(L26)	Times when I have been "told off" by a girl.	7.700	3.580	8.05	3.30
254	(L32)	Whether or not I have ever masturbated.	9.667	3.875	10.42	2.08
255	(L5)	My feelings about discussing sex with my friends.	6.666	4.839	7.00	3.89
256	(L22)	My feelings about discussing sex with girls.	7.833	4.688	7.58	4.67
257	(K17)	Whether or not I have ever "picked-up" a girl.	7.000	3.716	6.00	4.73
258	(K16)	How often I have been in love.	8.954	4.029	8.86	3.62
259	(K15)	How frequently I like to engage in sexual activity.	9.500	3.606	10.02	2.35
260	(K23)	How frequently I like to date.	4.318	4.533	4.11	3.02
261	(J16)	My feelings about girls who are not virgins.	7.000	5.313	7.20	3.60
262	(J22)	If I have ever wanted a date and could not get it.	7.333	3.896	8.14	3.33
263	(J7)	My feelings about birth control.	5.833	5.383	4.71	4.03
264	(Q33)	Feelings about my adequacy in sexual behavior--my ability to perform adequately in sexual relationships.	10.000	2.705	10.11	2.31
265	(Q11)	Persons with whom I have had sexual experiences.	10.539	1.937	10.69	1.37

200 Love- Dating - Sex (Cont'd)

14

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
266	(Q20)	Whether or not I feel that I am attractive to the opposite sex.	8.250	3.343	8.73	2.31
267	(R12)	My problems, if any, about getting favorable attention from the opposite sex.	8.750	3.852	9.23	2.16
268	(R27)	My opinions about swearing and cursing in the presence of girls.	3.833	4.286	4.75	4.10
269	(A31)	My feelings about telling dirty jokes to girls.	6.813	5.908	6.33	4.90
270	(D15)	My feelings if I see a man and a woman necking in public.	5.625	3.445	5.80	3.29

LOVE, DATING, SEX (200) N = 71

HIGH AGREEMENT

200, 202, 203, 204, 208, 209, 211, 212, 216, 217, 218, 219, 221, 222,
223, 226, 227, 228, 229, 234, 235, 236, 237, 238, 239, 240, 242, 243,
244, 245, 248, 249, 251, 256, 257, 258, 259, 260, 261, 262, 264, 265.

MODERATE AGREEMENT

205, 207, 210, 220, 224, 225, 232, 241, 250, 253, 267, 270.

LOW AGREEMENT

233, 252, 268.

DISAGREEMENT

201, 206, 213, 214, 215, 230, 231, 246, 247, 254, 255, 263, 266, 269.

Item	Category placed by Ss	Percent
201	Emotions	(37.5)
206	Emotions	(43.8)
213	Attitudes	(50.0)
214	Attitudes	(31.2)
215	Love; Attitudes	(31.2)
230	Emotions	(43.8)
231	Emotions	(75.0)
246	Relationships	(50.0)
247	Emotions	(31.2)
254	Attitudes	(37.5)
255	Attitudes	(37.5)
263	Attitudes	(43.8)
266	Attitudes	(31.2)
269	Attitudes	(68.8)

300 PARENTAL FAMILY

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
300	(T29)	How I have felt or might feel if I ever saw my mother drunk.	10.500	2.021	9.75	2.29
301	(T24)	The personalities of my brothers and sisters.	6.500	4.191	7.63	2.89
302	(S21)	What my parents told me about sexual matters.	8.600	3.534	8.28	2.89
303	(S15)	Times when I felt like running away from home.	6.625	4.600	6.78	3.09
304	(S9)	Times when my parents have been angry with me.	6.500	3.500	6.94	3.75
305	(F17)	Times when I have been angry with my parents.	6.250	3.305	4.90	3.79
306	(F6)	Whether or not my parents spanked me as a child.	3.833	3.666	3.79	3.87
307	(C37)	My father's personality.	8.700	4.767	7.83	3.55
308	(C20)	My mother's personality.	7.833	4.398	7.67	3.19
309	(D32)	How I might feel (or actually felt) if I saw my father hit my mother.	9.800	2.681	9.50	2.89
310	(E16)	What my parents did well while raising me.	6.000	4.775	6.60	3.72
311	(E19)	Mistakes my parents made while raising me.	7.750	4.873	8.25	3.61
312	(K1)	Bad habits my father or mother have.	9.375	4.022	9.29	3.37
313	(T31)	Whether or not I would marry against the will of my parents.	7.600	4.354	7.07	3.64
314	(K8)	How I might (or did) feel if my mother and father were separated or divorced.	9.750	3.177	9.21	2.80

300 Parental Family (Cont'd)

16

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
315	(J2)	What my parents thought about my not going further in school.	5.500	3.166	5.71	3.82
316	(M6)	Amount of personal property (land, car, house, etc.) that my parents own.	7.167	5.222	7.00	4.75
317	(L23)	Diseases that seem to run in my family.	7.250	4.400	8.06	3.17
318	(N2)	The physical appearances of my mother and father.	5.500	3.600	5.35	3.92
319	(L31)	Whether or not there are any mental disorders in my family.	8.250	4.600	8.75	3.90
320	(D23)	Whether or not some member of my family has served time in jail.	8.833	3.073	8.25	3.28
321	(J4)	How much education my parents have.	6.500	3.987	5.56	3.70
322	(K14)	Whether or not there is any alcoholism or drug addiction in my family.	9.750	2.718	9.00	2.53
323	(O28)	Things I like about my father.	4.200	6.083	3.60	5.51
324	(O2)	Things I dislike about my father.	8.750	3.608	8.81	3.58
325	(Q1)	What I quarrel about with members of my family.	7.214	3.042	8.00	3.37
326	(Q17)	Things I liked about my home life.	4.250	3.508	5.71	4.13
327	(Q4)	Things I disliked about my home life.	7.955	2.563	8.56	2.72
328	(R24)	The amount of love and companionship in my family as compared to other families.	8.000	4.465	8.68	3.42

300 Parental Family (Cont'd)

17

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
329	(R25)	Things I like about my mother.	6.500	6.257	7.83	4.33
330	(A29)	Things I dislike about my mother.	10.2500	2.7300	10.15	1.51
331	(M7)	The degree of independence and freedom from family rules which I had while living at home.	5.500	4.425	5.39	3.57
332	(M24)	People in my family who are very nervous.	6.500	4.500	7.25	4.45
333	(N3)	Who in my family have the quickest tempers.	4.833	4.117	5.75	3.60
334	(E24)	How well the members of my family and my close relatives get along.	8.000	5.684	8.22	3.53
335	(B20)	Lies that I have told my parents.	8.500	4.000	9.29	2.47
336	(N15)	The way I behave when I am around my parents.	5.722	4.321	6.30	3.00
337	(P26)	Whom I like better, my father or mother.	9.250	3.058	9.00	4.03
338	(P28)	My family's treatment of me.	8.000	3.450	7.86	3.67
339	(P23)	The greatest point of disagreement that I have (or have had) with my parents.	8.308	4.112	8.13	2.76
340	(O29)	The physical appearances of my brothers and sisters.	4.214	5.041	4.81	3.30
341	(R19)	Things my brothers and sisters and I argue about.	5.643	3.845	6.25	4.00
342	(A18)	How well I get along with my brothers and sisters.	5.591	3.714	6.63	3.40
343	(A12)	The ages of my brothers and sisters.	1.425	2.037	1.32	1.42

300 Parental Family (Cont'd)

18

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
344	(J33) The number of brothers and sisters I have.	1.500	2.600	1.23	1.00
345	(B27) How often my aunts and uncles and family get together.	4.500	4.116	2.89	2.93
346	(B24) Where my parents and grandparents came from.	3.083	3.000	2.56	2.60
347	(G34) How many cousins I have.	1.786	3.082	7.25	3.59
348	(G33) How many aunts and uncles I have.	2.000	3.503	1.30	1.21
349	(G22) Where my aunts, uncles, cousins live.	1.426	2.287	1.43	1.91
350	(C29) Relatives (aunts, uncles, etc.) I have who I dislike and why I dislike them.	6.833	4.572	7.58	2.80
351	(D33) My favorite relatives are and why? (aunts, uncles, etc.).	6.357	4.562	5.83	3.74
352	(H18) Who my parents voted for or wanted to vote for in the last election--Johnson or Goldwater.	4.833	6.125	4.67	4.94
353	(H3) How much money my parents have in the bank.	8.750	3.789	8.92	4.01
354	(H27) How close my family (aunts, uncles, etc.) are.	6.750	3.858	6.40	3.50
355	(G6) How I have felt or might feel if I ever saw my father drunk.	8.400	3.765	8.25	4.11
356	(L25) The ages of my mother and father.	4.500	4.625	4.90	5.50

PARENTAL FAMILY (300) N = 57

HIGH AGREEMENT

301, 303, 304, 305, 306, 307, 308, 310, 311, 312, 315, 318, 319, 320,
 321, 322, 323, 324, 326, 328, 329, 330, 331, 332, 333, 334, 335, 336,
 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 350, 351,
 353, 354, 356.

MODERATE AGREEMENT

302, 327, 349, 352.

LOW AGREEMENT

325, 355.

DISAGREEMENT

300, 309, 313, 314, 316, 317.

Item	Category placed by <u>Ss</u>	Percent
300	Emotions	(43.8)
309	Emotions	(50.0)
313	Love; Attitudes	(25.0)
314	Emotions	(56.2)
316	Money	(56.2)
317	Appearance	(50.0)

400 PHYSICAL CONDITION AND APPEARANCE

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
400	(S1)	What foods I feel are best for my health.	2.833	1.764	1.92	1.65
401	(C9)	The importance that I place on eating the right foods to maintain my health.	3.929	4.018	2.93	2.41
402	(D13)	How many hours of sleep I need to feel my best.	2.333	2.604	2.13	2.11
403	(U5)	Times when I have wished that I could change something about my physical appearance.	6.875	4.134	7.83	3.04
404	(B14)	Whether or not I have ever worried about having "bad breath".	5.833	4.447	5.63	4.75
405	(B13)	How often I wash my hair.	4.750	3.925	3.07	3.17
406	(P19)	Whether or not I have been beaten in some contest of physical endurance.	3.375	4.383	4.00	3.74
407	(E12)	How strong I am.	5.722	4.666	5.38	4.52
408	(B19)	How I feel about getting old.	5.900	3.571	6.36	3.57
409	(A2)	How well I can hear.	2.318	4.594	2.29	2.74
410	(N29)	How good my vision is.	2.611	4.467	6.23	3.50
411	(K34)	The kinds of clothes that I feel look best on me.	5.166	4.187	5.00	3.97
412	(H35)	How I like my clothes to fit.	3.357	4.000	3.18	3.40
413	(H17)	Whether or not I expect to get bald.	3.800	4.000	3.44	4.43
414	(F33)	How I feel about going to a doctor.	3.500	3.776	4.25	3.67
415	(R29)	The last time I had a physical examination.	2.929	3.938	2.19	4.68

400 Physical Condition, Appearance, Cont'd

20

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
416 (M22)	How often I go to the dentist.	3.500	4.050	3.10	3.30
417 (B7)	How often I brush my teeth.	3.750	3.436	3.25	3.56
418 (U3)	How many times a day I comb my hair.	2.722	3.274	3.14	8.70
419 (Q24)	How frequently I take a bath or shower.	6.110	5.938	6.42	5.67
420 (R28)	How satisfied I am with different parts of my body--legs, waist, weight, chest, etc.	7.900	4.271	8.50	4.69
421 (T10)	Problems and worries that I had with my appearance in the past.	8.250	4.458	7.42	5.13
422 (T22)	Long-range worries or concerns that I have about my health, e.g., cancer, ulcers, heart trouble.	6.300	5.333	6.75	5.00
423 (S8)	What special effort, if any, I make to keep fit, healthy and attractive, e.g., calisthenics, diet.	5.600	4.750	6.17	4.05
424 (A13)	My present physical measurements, e.g., height, weight, waist, etc.	3.900	4.111	3.23	4.00
425 (C23)	Times I have been in the hospital.	3.500	4.232	2.42	2.33
426 (M8)	The number of colds I usually have per year.	1.426	2.120	1.91	1.82
427 (K2)	Drugs I have taken to treat illnesses.	3.409	4.241	3.56	4.00
428 (D2)	How my general health was when I was a child.	3.400	3.313	2.96	2.67

400 Physical Condition, Appearance, (Cont'd)

21

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
429	(B31)	Recent changes in my weight.	4.500	4.333	2.69	3.10
430	(O26)	How often I wake up fresh and rested.	1.800	2.217	2.18	2.66
431	(L10)	The kinds of diseases I have had.	5.833	5.791	5.21	4.16
432	(L7)	My general health at this time.	4.250	3.787	3.63	4.02
433	(B8)	Problems I have with sleeping, digestion, allergies, piles, etc.	7.600	4.938	6.63	4.53
434	(P20)	My attitudes about my personal appearance.	5.916	4.083	6.13	4.66
435	(O3)	The most embarrassing part of a physical examination.	5.785	5.821	6.71	4.27
436	(Q19)	The parts of my body I am most ashamed for anyone to see.	8.625	4.474	8.88	3.43
437	(N1)	Whether or not I wear eye-glasses.	1.462	1.769	1.38	1.56
438	(J14)	The way I like my hair cut.	1.833	3.156	3.14	3.24
439	(J13)	How often I use an underarm deodorant.	5.166	5.555	6.88	5.13
440	(G3)	The kind of hair tonic or cream I use.	1.800	2.119	1.79	1.36
441	(G2)	How often I shave.	2.200	3.181	2.16	1.62
442	(F35)	The kind of shaving cream I use.	1.175	.745	1.18	0.99
443	(E3)	The kind of toothpaste I use.	1.307	1.525	1.31	1.30

PHYSICAL CONDITION AND APPEARANCE (400) N = 44

HIGH AGREEMENT

400, 401, 402, 403, 404, 405, 407, 409, 410, 411, 412, 413, 414, 415,
416, 417, 418, 419, 421, 422, 423, 425, 426, 427, 428, 429, 430, 431,
432, 433, 434, 437, 438, 439, 440, 441, 443.

MODERATE AGREEMENT

420, 442.

LOW AGREEMENT

None

DISAGREEMENT

406, 408, 424, 435, 436.

Item	Category placed by <u>Ss</u>	Percent
406	Attitudes	(43.8)
408	Attitudes	(37.5)
424	Biographical	(75.0)
435	Emotions	(50.0)
436	Emotions; Attitudes	(31.2)

500 MONEY - PROPERTY

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
500 (K3)	My feelings about gambling.	3.833	3.428	2.94	2.16
501 (K25)	My father's income.	8.100	4.671	8.04	3.47
502 (J10)	My views about borrowing money from a loan company.	3.750	3.869	6.20	4.41
503 (J9)	The amount of money that I contribute to charities.	6.750	4.313	7.43	3.41
504 (H16)	Whether or not I give money to persons begging on the street.	6.214	3.666	6.13	3.76
505 (T23)	How important money is for my happiness.	6.500	4.437	6.10	3.19
506 (N22)	How much money I usually carry with me.	7.833	4.584	7.00	3.64
507 (B29)	Whether or not I would ever steal money if I had to have it.	8.625	4.251	8.15	2.64
508 (O1)	The amount of money I received for allowance when I was a child.	2.722	3.135	2.92	2.18
509 (S30)	What I would do if someone stole money from me.	5.100	4.800	4.63	4.33
510 (A26)	My feelings about lending money.	5.200	3.083	4.75	3.29
511 (G13)	My feelings about taking something to the pawnshop when I need money.	7.167	3.813	5.56	3.47
512 (C7)	The extent to which I worry about money.	6.643	2.544	6.00	3.53
513 (D26)	The amount of money I have spent in treatment of illnesses.	7.000	3.159	5.50	3.78

500 Money, Property (Cont'd)

23

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
514	(E15)	The cost of my personal property.	7.600	3.083	7.78	4.01
515	(E29)	My opinion on marrying for money.	5.666	5.107	5.80	4.49
516	(P21)	Kinds of bank accounts I have (checking, savings).	7.000	4.500	3.90	4.70
517	(P6)	The amount of money I deserve for the work I do.	5.300	3.914	3.92	4.38
518	(Q28)	The amount of money that I have made by working.	5.945	3.644	5.94	4.00
519	(R14)	The amount of money I spend in admissions to sports events.	2.083	2.722	2.36	2.73
520	(R7)	The amount of money I spend in buying sports equipment.	3.333	3.688	3.63	3.93
521	(F32)	The amount of money I usually spend when taking a trip.	5.125	3.359	5.83	4.00
522	(F29)	My opinions on what money is for.	3.357	3.828	5.50	3.10
523	(C8)	My views about borrowing money from a buddy.	5.375	3.702	5.67	3.33
524	(D14)	How I budget my money--the proportion that goes for necessities, luxuries, etc.	7.682	3.433	5.50	3.89
525	(O12)	My most pressing need for money right now, e.g., out-standing debts, some major purchase that is needed or desired.	7.200	3.298	6.88	4.56
526	(Q29)	My total financial worth, including property, savings bonds, insurance, etc.	8.072	4.616	8.54	4.27

500 Money, Property (Cont'd)

24

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
527 (T12)	Whether or not others owe money to me, the amount and who owes it to me.	8.300	4.090	7.63	3.70
528 (S23)	Whom I owe money to.	5.250	4.387	7.14	3.36
529 (A23)	Whom I have borrowed money from in the past.	7.700	4.250	7.00	4.26
530 (M21)	How much money I make on my present job.	5.808	3.911	7.50	3.95
531 (M20)	Things I'd really like to have if I could afford them.	3.786	3.746	4.20	3.41
532 (L11)	How much I spend for my clothes.	6.166	4.633	7.17	3.18
533 (N21)	Amount of personal property I own (land, car, house, etc.).	7.500	3.571	7.50	3.48
534 (L15)	Credit cards that I have.	5.722	5.794	3.72	3.71
535 (H15)	How much money I have in the bank.	7.500	4.684	7.13	5.48
536 (G14)	How much money I owe.	8.750	3.459	7.60	3.67

MONEY AND PROPERTY (500) N = 37

HIGH AGREEMENT

502, 503, 505, 506, 510, 511, 513, 514, 516, 517, 518, 520, 521, 522,
523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536.

MODERATE AGREEMENT

504, 519.

LOW AGREEMENT

None.

DISAGREEMENT

500, 501, 507, 508, 509, 512, 515.

Item	Category placed by <u>Ss</u>	Percent
500	Money; Interests; Attitudes	(25.0)
501	Parental Family	(50.0)
507	Attitudes	(50.0)
508	Parental Family	(50.0)
509	Attitudes	(43.8)
512	Money; Emotions	(37.5)
515	Own Marriage	(43.8)

600 GOVERNMENT AND POLITICS, CURRENT EVENTS AND SOCIAL ISSUES

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
600 (T11)	Things that I would not want people to find out about me if I ever ran for a political office.	8.833	4.445	9.28	2.88
601 (N5)	How I would feel if someone of a different race moved right next door to where I live.	6.500	4.607	6.28	4.50
602 (U1)	What I would do if I saw someone breaking a law.	5.357	4.375	5.10	3.76
603 (S29)	Times when I have felt like breaking a law.	6.600	2.584	6.50	3.48
604 (L6)	Laws that I would like to see put into effect.	3.700	3.440	3.08	3.21
605 (K24)	Whether or not I think the Federal Government should support persons who cannot find work.	4.100	4.145	2.85	3.23
606 (D34)	How I feel about foreigners who come to the U.S. to work or go to school.	4.000	4.685	3.81	2.97
607 (O34)	My feelings about the number of immigrants we should allow into this country each year.	3.250	3.948	3.07	2.96
608 (A5)	My opinion on the best way to solve racial problems.	6.300	3.683	3.50	4.10
609 (N6)	Laws that I feel should be done away with.	4.600	4.125	4.50	4.64
610 (J1)	Which I feel is more important--domestic or foreign political policies.	2.961	2.638	2.00	2.25
611 (C33)	What age I think a President of the U.S. should be.	2.417	2.607	1.60	2.35

600 Politics--Government, Etc. (Cont'd)

26

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
612 (R4)	Mistakes which I feel our Government has made.	4.600	3.333	3.27	2.25
613 (G12)	My feelings about people who dislike Jews.	5.500	4.050	5.11	4.65
614 (F20)	My feelings about people who dislike Negroes.	5.900	5.208	6.17	3.56
615 (S18)	My feelings about the amount of control that the Government should have have over individuals.	5.000	4.400	3.07	3.56
616 (A15)	Political policies that I agree with.	3.785	3.666	3.79	3.79
617 (L14)	Political policies that I disagree with.	4.722	3.729	3.64	3.28
618 (L8)	My thoughts about how I would run the country if I was in the President's position.	4.500	4.533	3.88	2.92
619 (H22)	Whether or not I would ever want to run for a political office.	3.833	3.911	4.28	3.32
620 (H21)	How strongly I defend my political views.	4.786	4.304	4.06	3.51
621 (E27)	What I think about politics in my hometown.	3.000	2.761	2.32	2.80
622 (P2)	What I think about people who do not vote.	4.318	3.050	3.13	2.21
623 (P3)	What I think is the best form of Government.	3.666	4.566	5.40	5.09
624 (E11)	How I feel about killing during a war.	6.642	5.175	2.88	3.39

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
625 (M15)	My opinions on what the role of the Federal Government should be in regard to public education.	3.750	3.883	3.12	3.29
626 (M1)	My opinion on whether or not abortions should be made legal.	5.611	4.817	4.06	3.57
627 (M29)	My feelings about the Government giving out birth control information.	5.500	4.188	3.67	3.43
628 (N7)	The degree to which whites should accept Negroes into their activities.	6.200	3.528	4.36	4.67
629 (O33)	My feelings about political parties.	3.357	4.340	3.21	2.46
630 (G5)	What I believe should be the laws concerning marriage between Negroes and whites.	7.800	3.236	6.09	4.06
631 (F25)	My views on the racial integration of schools, transportation, etc.	4.375	3.348	3.05	2.53
632 (K10)	How I feel about mercy killings.	5.785	4.979	5.57	4.93
633 (H23)	My feelings about whether or not there should be a draft and who should be drafted.	3.500	4.274	3.00	4.59
634 (T15)	How I would feel about going to war.	5.833	4.437	4.50	4.43
635 (F21)	My attitudes concerning labor unions.	2.750	3.288	2.61	2.64
636 (D21)	How I feel about capital punishment for criminals.	4.100	4.250	2.86	2.88

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
637 (G30)	My feelings about people who are not of the same nationality that I am.	4.833	4.333	3.77	2.64
638 (C14)	My feelings about people who are not of the same race that I am.	5.833	6.708	5.17	4.19
639 (D20)	How I think the problem of assigning Negroes and whites to schools should be handled.	4.100	4.275	3.59	3.54
640 (O21)	My feelings about military discipline.	3.214	5.583	2.69	3.41
641 (Q27)	My feelings about the United Nations (UN).	4.000	4.122	2.46	2.44
642 (Q26)	My views on the present U.S. Government--President, Government, policies, etc.	4.000	4.000	3.09	2.74
643 (C25)	My views on communism.	3.900	4.804	3.00	2.09
644 (R2)	What I think the U.S. should do in regard to sharing atomic-energy information and resources.	3.167	2.455	2.58	2.19
645 (R5)	What I think our Government's policy toward Russia should be.	4.072	3.333	2.20	3.08
646 (T5)	My feelings about how good a job the President is doing.	4.333	4.312	2.30	2.16
647 (S35)	What I believe is the extent of Communist influences in the U.S.	4.000	4.685	2.81	2.60
648 (P4)	How I think the Federal Government should handle Negro-white conflicts.	4.500	4.833	3.68	2.58

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
649 (Q16)	How interested I am in politics.	2.786	4.344	3.11	2.72
650 (A24)	My political party preferences.	4.900	4.450	4.93	3.88
651 (J8)	My political opinions.	4.833	4.575	3.85	3.46
652 (J6)	Who I would have (or did) vote for in the last election--Johnson or Goldwater.	4.250	6.041	3.60	4.77

GOVERNMENT AND POLITICS,
CURRENT EVENTS AND SOCIAL ISSUES (600) N = 53

HIGH AGREEMENT

604, 605, 606, 607, 608, 609, 610, 611, 612, 615, 616, 617, 618, 621,
623, 625, 627, 629, 633, 636, 639, 641, 642, 643, 644, 645, 646, 647,
648, 649, 650, 651, 652.

MODERATE AGREEMENT

619, 620, 622, 630, 631, 634, 635, 637.

LOW AGREEMENT

628

DISAGREEMENT

600, 601, 602, 603, 613, 614, 624, 626, 632, 638, 640.

Item	Category placed by <u>Ss</u>	Percent
600	Attitudes	(31.2)
601	Attitudes	(50.0)
602	Attitudes	(56.2)
603	Emotions	(31.2)
613	Religion	(56.2)
614	Attitudes	(50.0)
624	Emotions	(37.5)
626	Religion; Politics	(25.0)
632	Attitudes	(43.8)
638	Attitudes	(62.5)
640	Attitudes	(43.8)

700 EMOTIONS--FEELINGS

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
700	(L18)	Whether or not I ever cried as an adult when I was sad.	8.857	4.209	8.94	1.97
701	(L27)	What feelings, if any, I have trouble expressing or controlling.	7.000	3.777	8.50	3.10
702	(K33)	Things which I have been sorry that I have done.	8.000	3.762	8.75	2.67
703	(K32)	Times I have felt lonely.	7.875	4.187	8.05	2.90
704	(K7)	Times when I have felt helpless.	6.388	3.666	6.92	3.58
705	(J34)	What annoys me most in people.	5.143	3.708	5.89	3.12
706	(04)	Times when I have felt quarrelsome.	5.055	4.000	5.00	2.92
707	(R32)	Whether or not I am able to let myself go when I get angry.	5.333	3.905	6.50	2.75
708	(A19)	Whether or not I tell people off when I get angry.	5.227	3.250	5.83	3.84
709	(M31)	Whether or not I ever get so angry that I feel like throwing and breaking things.	6.643	3.973	7.25	3.67
710	(N18)	How I treat people when I'm in a real bad mood.	6.429	2.750	7.17	2.98
711	(B18)	How angry I get when people hurry me.	5.300	4.134	5.33	3.31
712	(G21)	Times when I have been dissatisfied.	4.500	3.111	4.94	3.17
713	(F8)	The kinds of things I resent being ordered to do by anyone.	5.722	3.750	7.25	2.83

700 Emotions--Feelings (Cont'd)

31

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
714	(F7)	Feelings I have when I am "chewed out" or severely criticized.	7.000	2.781	8.21	1.78
715	(P15)	The extent to which I get the amount of sympathy I need.	6.000	3.958	7.69	2.18
716	(T7)	My feelings about being alone once in a while and thinking.	5.666	5.150	6.51	3.25
717	(S2)	My feelings when I see a sick or hurt animal.	4.500	3.672	4.72	3.38
718	(E34)	How much I care about what others think of me.	8.277	3.867	8.63	3.02
719	(E33)	Feelings I have when I lose an argument.	6.833	4.133	7.54	2.85
720	(E1)	The most embarrassing situation I have ever been in.	6.375	4.625	8.08	4.19
721	(Q6)	The things in my past or present life about which I am most ashamed.	9.864	3.119	9.97	2.13
722	(R11)	Things in the past or present that I feel ashamed or guilty about.	9.767	1.958	10.25	1.34
723	(S11)	Times when I have felt enthusiastic.	3.318	3.600	4.10	3.45
724	(A28)	Times when I have been happy.	3.833	2.676	6.25	4.89
725	(M34)	The kinds of things that make me especially proud of myself.	6.200	4.292	6.93	4.43
726	(M32)	What would bother me, if anything, about making a speech or giving a talk.	4.318	3.833	5.00	4.07

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
727	(N23)	How panicky I get in tight situations.	7.786	3.875	7.68	1.84
728	(B10)	How much I care about what happens to me.	7.833	3.356	7.95	3.74
729	(F26)	What it takes to hurt my feelings deeply.	8.600	3.738	9.37	1.61
730	(C2)	Situations in which I become nervous.	5.722	2.740	6.64	3.21
731	(C1)	Things which disgust me.	4.800	2.875	4.64	3.53
732	(C16)	Situations which make me impatient.	4.409	3.295	4.42	2.56
733	(B1)	One of the biggest disappointments in my life.	6.423	3.054	7.22	3.42
734	(B3)	The aspects of my personality that I dislike, worry about or regard as a handicap to me.	8.000	3.763	8.27	2.89
735	(B22)	Times that I almost felt that life wasn't worth living.	8.300	4.250	8.55	3.11
736	(P1)	Crises or difficulties I avoid or "run away" from.	7.214	3.987	7.43	3.60
737	(T6)	How much pain I can stand.	6.000	4.041	6.50	3.14
738	(G22)	What animals make me nervous.	3.072	4.444	3.44	2.94
739	(E13)	How high-strung a person I am.	6.389	4.202	6.95	3.62
740	(O23)	How impatient I am when I have to wait.	4.500	4.016	4.38	3.29
741	(N31)	Possible misfortunes that I worry about.	6.056	2.917	6.96	2.92

700 Emotions--Feelings (Cont'd)

33

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
742	(L17)	How embarrassed I am by dirty stories.	5.357	4.500	5.67	4.67
743	(J35)	Any fears of water I have.	4.000	5.940	3.31	5.51
744	(H31)	My ups and downs in moods.	6.039	3.225	6.60	3.42
745	(H7)	How often I have spells of the blues and what they are about.	6.389	4.800	7.71	3.27
746	(B12)	Events in weather that frighten me (windstorms, thunder, hurricanes, etc.)	4.750	5.457	3.75	3.75
747	(G23)	What things or situations make me unusually self-conscious.	6.166	3.750	7.25	3.59
748	(C5)	What happens when I see blood.	3.214	4.576	2.67	3.53
749	(O24)	The things that I worry about most.	7.625	4.857	7.69	3.45
750	(P31)	How sensitive I am compared to other people.	6.166	3.250	6.60	3.34
751	(Q15)	My feelings when I lose a contest or game.	5.000	4.114	7.31	2.97
752	(Q13)	Things that I am touchy about.	5.722	3.104	7.82	3.29
753	(R8)	The kinds of things that make me just furious.	5.722	3.911	6.83	3.17
754	(T34)	What I am most afraid of.	8.357	4.813	8.25	3.15
755	(S10)	Things that anger me.	5.200	4.223	6.05	3.03
756	(A22)	What it takes to make me worried, anxious, or afraid.	7.300	3.982	8.14	2.80
757	(H30)	Topics of conversation that bore me.	4.214	3.191	3.27	3.27

700 Emotions--Feelings

34

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
758	(J12)	Situations that bore me.	2.700	3.792	3.85	3.46
759	(D29)	Times when I have been afraid.	6.100	4.283	6.50	3.05
760	(D31)	Times when I have been worried.	6.300	4.618	6.50	3.23
761	(D30)	Things or situations that embarrass me.	7.389	3.143	7.39	2.43

EMOTIONS AND FEELINGS (700) N = 52

HIGH AGREEMENT

700, 701, 703, 704, 705, 706, 707, 708, 709, 711, 714, 715, 717, 719,
722, 724, 726, 727, 729, 730, 733, 738, 740, 741, 744, 745, 746, 748,
750, 751, 753, 754, 756, 759, 760, 761.

MODERATE AGREEMENT

702, 712, 732, 735, 739, 742, 743, 747, 755.

LOW AGREEMENT

720, 723, 749, 752.

DISAGREEMENT

710, 713, 716, 718, 721, 725, 728, 731, 734, 736, 737, 757, 758.

Item	Category placed by <u>Ss</u>	Percent
710	Emotions; Relationships	(37.5)
713	Attitudes	(43.8)
716	Attitudes	(43.8)
718	Attitudes	(37.5)
721	Attitudes	(50.0)
725	Attitudes	(56.2)
728	Attitudes	(75.0)
731	Attitudes	(43.8)
734	Attitudes	(43.8)
736	Emotions; Attitudes	(43.8)
737	Appearance	(43.8)
757	Politics	(31.2)
758	Attitudes	(43.8)

800 INTERESTS, HOBBIES, HABITS

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
800 (B28)	Whether or not I like to eat at definite times each day.	2.750	2.738	2.15	2.65
801 (G35)	How fast an eater I am.	2.357	5.092	2.23	2.20
802 (T33)	Whether or not I enjoy reading love and romance stories.	4.833	4.400	4.28	4.33
803 (F27)	Whether or not I enjoy reading about science.	1.642	2.550	2.15	1.91
804 (M23)	Whether or not I enjoy reading about history.	2.167	3.290	2.41	2.69
805 (Q5)	Whether or not I enjoy stories of adventure.	2.357	2.442	2.67	3.13
806 (P7)	Whether or not I enjoy reading detective or mystery stories.	1.875	3.806	2.03	1.76
807 (C37)	How I like my coffee (black, with cream and sugar, etc.)	1.333	.958	1.60	2.35
808 (A20)	My food dislikes.	2.500	2.555	2.21	2.71
809 (A21)	The way I like my food to be prepared.	2.038	2.806	2.50	3.27
810 (M19)	My favorite sports.	1.362	2.469	1.43	1.54
811 (M18)	My favorite hobbies.	2.000	3.157	1.68	1.86
812 (N14)	Whether or not I like to do new and different things.	2.875	4.075	3.14	3.65
813 (S24)	Adventures and/or strange things that have happened to me.	3.200	3.050	4.33	3.38
814 (S25)	Whether or not I want to travel and see the country.	1.666	2.979	2.65	2.71

800 Interests, Hobbies, etc. (Cont'd)

36

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
815 (Q31)	Whether or not I would like to move about the country and live in different places.	2.900	3.215	2.55	2.45
816 (R31)	Movies that I have seen.	1.462	2.019	1.81	1.82
817 (E32)	How I feel about expensive clothes.	2.864	3.416	3.92	2.64
818 (E20)	Hobbies that I have or would like to take up.	1.666	2.313	2.21	2.26
819 (B25)	Sports I would like to be able to play well.	2.667	3.792	2.37	2.22
820 (B35)	How much time I devote to watching sports.	2.333	3.500	2.27	2.56
821 (B26)	How much time I devote to playing sports.	2.500	2.198	2.45	2.73
822 (U2)	Sports equipment that I own.	2.300	3.321	1.50	1.63
823 (B11)	The things I like most to see when I am traveling.	3.100	4.319	2.75	3.08
824 (J30)	The most recent trip I have taken.	1.700	1.906	1.59	1.31
825 (H25)	Travel plans that I have.	3.333	4.035	2.95	2.91
826 (F24)	My drinking habits.	5.357	4.350	6.21	4.40
827 (C15)	My smoking habits.	3.167	6.015	1.65	1.71
828 (A11)	How often I eat in a restaurant.	1.362	2.468	1.43	1.63
829 (L9)	Whether or not I like to participate in new fads and fashions.	4.250	3.931	4.33	4.10
830 (H26)	The kinds of pets I have owned.	1.462	2.619	1.45	1.51

800 Interests, Hobbies, etc. (Cont'd)

37

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
831 (T14)	Things which interest me.	2.500	4.388	3.27	3.78
832 (P27)	Dangerous things I have done.	4.750	3.285	4.50	3.12
833 (O14)	How big an appetite I have.	1.750	3.979	1.75	2.20
834 (D8)	The sports in which I participate.	2.000	2.905	1.75	2.15
835 (B2)	The various ways that I have traveled--car, railroad, plane, etc.	1.643	2.563	1.21	0.97
836 (K6)	The card games I play.	1.500	2.000	1.45	2.08
837 (K5)	The kind of movies that I like to see.	2.900	4.125	2.41	2.83
838 (K26)	My ideas about what makes a good movie.	3.500	3.166	2.82	3.18
839 (G29)	Traveling I have done.	1.462	3.269	1.63	1.24
840 (T32)	Whether or not I gamble, and to what extent.	6.000	4.583	5.21	5.00
841 (O15)	How much I enjoy gambling.	4.250	5.919	3.46	2.16
842 (R1)	Types of magazines I enjoy.	2.056	2.320	2.15	2.32
843 (Q18)	Radio and television programs that interest me.	1.786	2.290	2.38	2.14
844 (S16)	What sports I am very good in.	3.166	3.057	3.38	3.57
845 (B16)	What sports I am poor at.	3.750	4.667	4.08	3.34
846 (U4)	My likes and dislikes in music.	3.000	3.663	3.00	4.00
847 (N12)	The foods I like best.	1.426	2.662	2.00	2.65
848 (O30)	How much I enjoy parties and socials.	2.642	3.364	2.46	2.76

800 Interests, Hobbies, etc. (Cont'd)

38

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
849 (R13)	My favorite pet.	1.426	2.287	1.67	2.46
850 (B23)	My tastes in clothing.	4.750	2.533	3.92	3.30
851 (L4)	Whether or not I enjoy reading sexy or dirty stories.	5.944	4.000	7.10	3.77
852 (L3)	How much I enjoy watching athletic events.	1.611	2.604	2.12	2.30
853 (J31)	My favorite ways of spending spare time, e.g., hunting, reading, cards, sports events, dancing, parties, etc.	1.591	1.836	2.18	1.75
854 (G1)	The style of house and kinds of furnishings that I like.	3.400	3.138	2.20	1.90
855 (F4)	Clubs and organizations to which I belong, or have belonged.	1.944	2.029	2.23	2.13
856 (N13)	Whether or not I like to eat in new and strange restaurants.	2.600	2.738	2.17	2.47
857 (E26)	Whether or not I enjoy reading newspaper editorials.	1.928	2.425	2.67	2.22
858 (E4)	Whether or not I enjoy attending lectures on serious subjects.	3.056	2.695	3.12	2.41
859 (P29)	How I would like to spend my summers.	3.115	3.738	2.78	2.64
860 (C32)	My favorite beverages, and the ones I don't like.	2.500	3.842	1.79	1.35
861 (D10)	The different kinds of play and recreation I enjoy.	2.300	2.815	2.15	2.29

800 Interests, Hobbies, etc. (Cont'd)

39

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
862 (D28)	How much I enjoy reading newspaper articles on crime.	3.046	3.629	3.30	3.23
863 (J29)	My favorite alcoholic beverages.	2.250	2.932	6.50	3.05
864 (H34)	The time I have spent in club and organizational activities.	2.786	3.417	3.81	2.97

INTERESTS, HOBBIES, HABITS (800) N = 65

HIGH AGREEMENT

801, 802, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 818,
819, 820, 821, 822, 823, 825, 828, 830, 831, 834, 835, 836, 837, 839, 840,
841, 842, 843, 844, 849, 852, 853, 855, 856, 857, 859, 860, 861, 862, 864.

MODERATE AGREEMENT

803, 824, 838, 845, 846, 847, 858.

LOW AGREEMENT

None

DISAGREEMENT

800, 804, 817, 826, 827, 829, 832, 833, 848, 850, 851, 854, 863.

Item	Category placed by Ss	Percent
800	Appearance	(62.5)
804	Interests; School	(43.8)
817	Money	(56.2)
826	Attitudes	(43.8)
827	Appearance	(37.5)
829	Attitudes	(56.2)
832	Interests; Attitudes	(31.2)
833	Appearance	(68.8)
848	Relationships	(75.0)
850	Appearance	(68.8)
851	Attitudes	(50.0)
854	Attitudes	(37.5)
863	Interest; Attitudes	(37.5)

900 RELATIONSHIPS WITH OTHER PEOPLE

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
900 (H1)	The kinds of group activities that I usually enjoy.	2.667	2.232	2.38	2.31
901 (D27)	Times when I have felt like walking away from someone.	5.333	3.854	5.60	3.29
902 (U6)	My feelings about people who try to impress me with their knowledge.	6.233	3.688	5.50	4.00
903 (K35)	How much I enjoy talking with other people.	3.300	4.698	4.21	3.54
904 (A9)	How often I like to see my friends.	3.167	4.802	5.50	5.35
905 (N17)	Whether or not I need people in order to be happy.	6.889	3.455	7.68	3.46
906 (L1)	Which I value more--friendship or money.	5.954	4.483	6.64	4.53
907 (P16)	Things which would cause me to break up a friendship.	6.944	3.854	7.69	3.13
908 (M5)	Times when other people have made me feel uncomfortable.	6.786	3.188	7.50	3.25
909 (B4)	Times when I have felt like being alone.	7.667	3.361	7.75	3.10
910 (C31)	The best friendship I ever had.	6.357	5.607	5.90	5.51
911 (C30)	How I feel when someone doesn't accept my friendship.	7.900	3.341	7.58	2.80
912 (O20)	Times when I have "told off" someone.	5.666	3.866	4.94	2.59
913 (Q14)	The way I like others to treat me.	5.500	3.393	6.56	3.51

900 Relationships with other people (Cont'd)

41

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
914 (B6)	Whether I like to do things alone or in a group.	5.900	4.286	5.69	2.83
915 (G31)	The way I behave when I am with a friend.	4.700	3.343	4.60	2.86
916 (O31)	My views of people who try to take advantage of me.	6.000	4.383	6.72	4.50
917 (T21)	What I like a good friend to be like.	5.875	3.800	6.94	3.69
918 (A10)	Whether or not I like being the leader of a group.	4.900	6.000	4.88	3.80
919 (J27)	Whether or not I like being the center of attention.	6.409	3.725	6.44	3.53
920 (H2)	The amount I drink at parties.	4.929	3.075	4.88	4.03
921 (B15)	The kind of person I like to have as a friend.	6.833	5.125	6.15	2.84
922 (B17)	The kind of people I find it easy to talk with.	4.700	2.750	4.88	4.09
923 (E31)	The kind of people I like most to travel with.	3.100	2.805	4.35	3.60
924 (F12)	Whether I prefer one or two close friends or a lot of acquaintances but no close friends.	5.800	4.369	6.28	3.86
925 (F34)	Whether I am a "listener" or a "talker" in social conversations.	5.055	3.950	5.20	3.19
926 (T35)	Whether or not I like to tell amusing jokes and stories.	2.500	4.564	2.80	3.05
927 (D25)	Degree to which I am understood by most other people.	6.000	2.869	6.38	3.30

900 Relationships with other people. (Cont'd)

42

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
928 (R23)	Whether or not I enjoy the excitement of a crowd.	3.046	3.466	4.06	3.50
929 (B5)	Whether or not I have ever let down a friend.	8.500	2.685	8.05	3.06
930 (G32)	What things I don't like to talk about with others.	7.500	3.798	7.56	3.70
931 (M17)	Lies that I have told my friends.	9.200	2.959	9.29	2.08
932 (N8)	Why some people dislike me.	6.667	2.600	8.00	8.80
933 (P25)	How easily my mind is changed by others.	7.333	3.138	7.21	3.32
934 (S26)	How often I ask people for advice.	4.333	3.000	5.17	3.52
935 (S28)	Whether or not I am able to tell people I really like them.	6.900	3.977	7.60	3.77
936 (R33)	My feelings about people who do not like the same things that I like.	5.100	4.708	5.43	2.80
937 (E28)	What I dislike about making new friends.	4.750	3.523	5.56	3.23
938 (B9)	Whether or not I like being treated kindly.	5.900	3.829	5.56	3.72
939 (Q25)	The kinds of sympathy and support I like from others.	6.125	4.250	7.68	3.26
940 (B32)	Whether or not I ever poke fun at people.	5.500	3.507	4.35	3.72
941 (L16)	Whether or not I have ever felt like getting even with someone who really deserved it--even if it meant breaking a law.	7.500	3.150	7.42	2.83

900 Relationships with other people (Cont'd)

43

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
942 (E25)	The kinds of things that I don't like people watching me do.	7.500	3.143	8.85	3.16
943 (K22)	How I feel about being the one to "throw a party"	3.900	3.857	3.32	3.19
944 (K4)	How I feel about telling someone off when they're not fair.	5.125	4.364	4.31	3.35
945 (J28)	How I feel about going to parties and other affairs where there is lots of loud fun.	3.300	3.061	3.67	3.61

RELATIONSHIPS WITH OTHER PEOPLE (900) N = 46

HIGH AGREEMENT

903, 904, 905, 914, 915, 916, 921, 922, 923, 924, 925, 927, 928, 932, 934, 935, 937, 940.

MODERATE AGREEMENT

902, 910, 913, 917, 918.

LOW AGREEMENT

907, 911, 930, 944.

DISAGREEMENT

900, 901, 906, 908, 909, 912, 919, 920, 926, 929, 931, 933, 936, 938, 939, 941, 942, 943, 945.

Item	Category placed by Ss	Percent
900	Interests	(62.5)
901	Emotions	(56.2)
906	Attitudes	(56.2)
908	Emotions	(62.5)
909	Emotions	(68.8)
912	Emotions	(56.2)
919	Emotions	(37.5)
920	Relationships; Attitudes	(31.2)
926	Interests	(50.0)
929	Emotions	(68.8)
931	Attitudes	(37.5)
933	Attitudes	(43.8)

Disagreement (Cont'd)

Item	Category placed by <u>Ss</u>	Percent
936	Attitudes	(56.2)
938	Attitudes	(37.5)
939	Emotions	(56.2)
941	Attitudes	(43.8)
942	Attitudes	(31.2)
943	Emotions; Relationships	(31.2)
945	Relationships; Attitudes	(31.2)

1000 PERSONAL ATTITUDES, VALUES AND ETHICS, AND SELF EVALUATION

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1000 (S34)	Times I almost had, or did have, trouble with the law.	6.277	5.312	6.39	4.49
1001 (S19)	My feelings regarding modesty.	6.000	3.425	6.25	4.98
1002 (L13)	My feelings about borrowing someone else's clothes.	5.900	4.354	5.72	3.68
1003 (O19)	My feelings about how much independence I need.	6.500	4.000	5.43	3.81
1004 (J5)	How tall I like women to be.	2.785	3.138	2.92	3.29
1005 (Q23)	Whether or not I ever break rules.	6.167	2.905	7.64	2.65
1006 (P12)	Whether or not I think there are situations in which I think lying is o.k.	6.428	3.026	6.75	3.81
1007 (H33)	Whether or not I would ever volunteer for hazardous duty.	5.667	4.607	6.73	5.20
1008 (P14)	How I feel about people who make fun of others' faults and handicaps.	5.833	4.883	3.25	4.02
1009 (Q22)	My opinions about how capable and smart I am compared to others around me.	6.167	3.150	8.05	3.10
1010 (G15)	How I feel about people who are careless in picking up clothing, personal effects, etc.	5.500	3.111	4.20	3.51
1011 (K11)	Under what circumstances, if any, would I kill another person.	9.786	4.792	8.63	4.63
1012 (M3)	How I feel about girls' new fashion styles.	2.500	2.729	2.71	2.13

1000 Personal attitudes, etc. (Cont'd)

45

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1013 (D6)	How bright or hopeless the future seems to me.	6.333	3.583	6.63	3.80
1014 (D19)	My attitudes about smoking.	2.083	2.243	3.64	2.32
1015 (T1)	My views on drinking.	3.375	4.048	3.00	3.25
1016 (K9)	My feelings about my responsibilities and obligations.	6.388	3.125	7.40	3.63
1017 (J26)	How I would feel about getting tattooed.	2.333	2.416	2.80	3.76
1018 (A7)	How good I am at being able to bluff my way out of trouble.	5.500	5.464	6.75	3.76
1019 (A6)	Whether or not I like to attack points of view that are contrary to mine.	5.167	3.523	4.75	3.33
1020 (F9)	How often I dream.	4.100	4.063	4.30	4.31
1021 (E9)	What I would appreciate most for a present.	4.227	4.250	5.67	4.15
1022 (E5)	What I dream about most frequently.	5.945	3.983	6.42	4.22
1023 (N3C)	Whether or not I like my name.	3.000	3.482	4.05	4.38
1024 (F11)	How fond of excitement I am.	2.700	2.450	3.50	3.40
1025 (M16)	How strongly I usually defend my own opinions.	4.900	5.139	4.38	4.43
1026 (M35)	Whom I most admire.	6.167	5.000	5.50	5.23
1027 (A8)	Whether or not I have ever put pleasure above duty.	6.071	5.333	7.50	3.88
1028 (G16)	Situations that I like to avoid.	4.833	3.224	5.75	3.03
1029 (C28)	Whether or not I have ever failed in obtaining something I had my heart set on.	6.900	4.164	6.90	3.60

1000 Personal attitudes, etc. (Cont'd)

46

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1030 (D24)	Bad habits I have.	4.883	3.714	8.17	2.97
1031 (R18)	Things I am lazy about.	5.500	3.528	6.19	2.83
1032 (R35)	Things I am careless about.	5.833	3.330	6.67	2.95
1033 (L28)	What I daydream about.	5.900	4.714	8.10	4.25
1034 (Q10)	Times when I have not been dependable.	7.786	3.722	8.70	1.83
1035 (R15)	Times when I have been careless.	5.600	3.688	5.95	3.63
1036 (O18)	Superstitions that I have.	4.625	5.000	4.94	3.33
1037 (O17)	Weaknesses that I feel I have in my personality.	7.642	3.038	8.42	3.42
1038 (G4)	How often I tell the truth.	7.700	4.042	7.06	2.92
1039 (C6)	The extent to which I am the kind of person who puts things off.	5.250	3.553	5.36	3.38
1040 (T17)	What things I would like to do if I had the chance, of great benefit to the world.	4.750	4.895	5.50	5.27
1041 (F10)	One of the best things that ever happened to me.	2.346	4.357	3.88	4.32
1042 (S27)	One of the worst things that ever happened to me.	5.833	5.875	6.64	3.88
1043 (J24)	Subjects about which I feel I am poorly informed.	5.100	4.625	4.86	3.14
1044 (H12)	Subjects about which I feel I am well informed.	4.357	3.771	3.45	3.85
1045 (T16)	The kind of criticism I take well.	6.100	3.666	6.50	3.33
1046 (N20)	How serious-minded a person I am.	6.417	3.250	6.50	2.83

1000 Personal attitudes, etc. (Cont'd)

47

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1047 (N24)	Times when I have been considerate.	5.786	3.950	6.94	2.90
1048 (P5)	Times when I have been cautious.	4.833	3.687	4.36	3.48
1049 (K12)	How I feel about telling lies to get out of an uncomfortable situation.	8.227	3.688	7.44	3.63
1050 (H11)	Times I have been tempted to steal something.	7.500	4.099	8.11	3.42
1051 (L29)	Times I have, or have wanted to, "play sick" to get out of something.	5.900	3.000	6.94	2.66

PERSONAL ATTITUDES, VALUES AND ETHICS,
AND SELF EVALUATION (1000) N = 52

HIGH AGREEMENT

1005, 1006, 1007, 1008, 1009, 1010, 1016, 1019, 1025, 1027, 1031, 1039,
1046, 1050.

MODERATE AGREEMENT

1003, 1015, 1017, 1029, 1032, 1036, 1037, 1038, 1049, 1051.

LOW AGREEMENT

1011, 1012, 1013, 1014, 1018, 1023, 1028, 1034, 1035, 1040, 1041, 1044.

DISAGREEMENT

1000, 1001, 1002, 1004, 1020, 1021, 1022, 1024, 1026, 1030, 1033, 1042,
1043, 1045, 1047, 1048.

Item	Category placed by <u>Ss</u>	Percent
1000	Politics	(31.2)
1001	Emotions	(43.8)
1002	Money	(50.0)
1004	Love; Attitudes	(31.2)
1020	Emotions	(75.0)
1021	Interests	(50.0)
1022	Love; Emotions; Attitudes	(18.8)
1024	Emotions	(43.8)
1026	Relationships	(50.0)
1030	Interests	(43.7)
1033	Interests	(50.0)
1042	Emotions	(43.8)
1043	Politics; Emotions	(31.2)
1045	Emotions	(37.5)
1047	Emotions	(43.8)
1048	Emotions	(43.8)

1100 SCHOOL - WORK

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1100 (E6)	How I really feel about the people I work for or work with.	6.682	3.000	7.29	2.73
1101 (K30)	My favorite subjects in school.	1.426	2.662	1.82	2.27
1102 (H8)	Things I had trouble with in school.	5.500	3.237	5.54	2.94
1103 (F15)	My feelings about working with women.	4.722	3.158	4.90	3.79
1104 (Q3)	What I think is the best way for a person to behave when he is being interviewed for a job.	3.722	3.750	3.63	2.90
1105 (K13)	How I would go about finding a job.	3.643	3.625	3.35	2.82
1106 (T8)	Places where I have worked.	2.333	3.066	2.58	2.20
1107 (E30)	The kind of supervisor I would like to have in my job.	3.417	2.800	4.29	3.61
1108 (G26)	The part of the country where I would like to work.	2.072	3.238	8.46	2.09
1109 (G25)	The kind of work I would like to do in the future.	2.833	3.704	3.22	3.50
1110 (T3)	The kinds of persons with whom I like to work.	4.100	3.007	4.50	2.80
1111 (F32)	Job skills that I have.	3.500	3.737	3.58	3.13
1112 (P33)	What I plan to do when I retire from work.	4.250	3.987	3.27	2.50
1113 (A35)	As a child, what I thought I wanted to be when I grew up.	1.955	3.500	3.83	3.76

1100. School - Work (Cont'd)

49

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1114 (K29)	What I enjoy most, and get the most satisfaction from, in my work.	3.833	3.907	4.11	2.49
1115 (G20)	What I dislike about looking for a job and being interviewed.	4.833	3.023	4.33	2.57
1116 (O10)	The worst pressures and strains in my work.	4.388	3.361	4.96	2.28
1117 (D5)	The most boring and unenjoyable aspects of my work.	3.900	3.812	4.41	3.63
1118 (Q7)	The choice of career I made.	4.500	4.268	4.69	4.43
1119 (C13)	What I dislike most about bosses or officer I have had.	3.643	4.475	5.33	3.27
1120 (C12)	The schools I have attended.	1.392	2.179	1.36	1.64
1121 (D11)	My favorite teachers.	2.600	3.094	2.36	2.27
1122 (N9)	The degree to which I got in trouble in school.	5.250	4.517	6.25	3.71
1123 (D18)	Faults that I feel I have in my working habits.	5.917	3.717	5.43	2.39
1124 (E23)	My school grades.	4.250	3.913	5.81	4.38
1125 (R22)	Subjects in which I did well in school.	1.945	2.342	3.33	2.50
1126 (F28)	How I feel about working with my hands.	1.961	1.892	2.37	1.85
1127 (M12)	My special strong points and qualifications for my work.	5.300	5.233	6.28	3.30
1128 (M11)	How much my work is appreciated by others (boss, fellow-workers, teachers, spouse, etc.)	5.500	3.896	6.42	2.92

1100 School - Work (Cont'd)

50

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1129 (N11)	My ambitions and goals in my work.	4.500	3.771	5.88	4.17
1130 (N10)	How I would choose a career or occupation.	4.278	4.750	4.75	3.50
1131 (S17)	How I feel about working along on a job.	4.500	3.047	4.21	4.20
1132 (S31)	My educational background.	4.333	4.035	3.04	3.23
1133 (J15)	How important I believe education is.	2.928	3.343	2.58	4.13
1134 (H13)	My highest ambition.	5.833	5.036	5.71	5.58
1135 (D12)	Techniques I have used to get on "the right side" of a teacher or instructor.	5.100	3.778	5.90	3.83
1136 (R34)	Whether or not I ever felt like dropping out of school.	4.100	3.364	5.63	4.10
1137 (C11)	Times when I have been embarrassed by a teacher or instructor.	5.833	3.857	6.75	3.44
1138 (L21)	The way I feel about fellow employees who are better workers than I am.	5.500	5.208	6.33	3.31
1139 (H9)	The way I feel about fellow workers who are not as good at their jobs as I am at mine.	6.136	2.925	5.81	2.94
1140 (F2)	Times when I felt proud of my school work.	3.300	3.286	5.17	4.00
1141 (J17)	Times when I have been discouraged in my work.	6.300	3.850	6.11	3.41
1142 (P30)	Good times I had in school.	2.250	3.717	2.50	2.46

1100 School - Work (Cont'd)

51

		<u>Navv Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1143 (P18)	Arguments or fights I had during my school days.	3.500	3.861	3.88	2.85
1144 (O16)	Times when I felt like telling off a teacher.	4.166	4.194	3.65	3.38
1145 (O13)	Times when I felt like telling off my boss.	5.300	4.333	5.22	3.98
1146 (Q32)	My most enjoyable experience in school.	2.900	2.663	3.73	3.26
1147 (R21)	My worst experience in school.	6.167	5.083	7.07	3.87
1148 (R20)	The most satisfying experience I have had while working.	3.100	3.367	3.94	3.09
1149 (T9)	The most discouraging experience I have had while working.	3.166	4.685	5.77	3.29
1150 (L24)	Which is more important to me--working on a job that I like, or working on a job that pays a lot.	5.500	3.213	6.58	3.38
1151 (O25)	Whether or not I have ever thought about being a hobo.	4.100	5.616	2.18	2.65
1152 (Q2)	Jobs I would never do.	4.269	2.657	5.09	3.66
1153 (A3)	My general attitude while in school.	4.200	2.973	4.50	3.64
1154 (M2)	My general attitude about my work.	4.500	4.333	4.42	2.89
1155 (T2)	How much schooling I would want if I had a choice.	2.500	2.607	3.00	3.25
1156 (E10)	What I think would be an ideal job.	2.300	2.889	3.94	3.92

1100 School - Work (Cont'd)

52

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1157 (C10)	Times when I have felt underpaid for my work.	5.000	4.267	5.64	4.57
1158 (S20)	Times when I felt unjustly criticized in school.	5.375	3.333	6.25	4.97
1159 (F25)	How I feel about using influential people I know to get ahead in a job.	6.928	4.950	7.60	3.04
1160 (M10)	Whether or not I would quit a job if I was required to do things that I felt were dishonest.	5.667	4.982	6.50	5.10
1161 (N34)	How many different jobs I have had.	4.883	4.975	3.83	3.20
1162 (A4)	What I did in school when I saw someone cheating.	5.500	4.196	6.17	4.13
1163 (K28)	What I would do if a fellow employee did something dishonest.	4.600	4.166	5.82	2.66
1164 (S22)	Whether or not I would ever refuse to do what my boss says.	5.944	3.750	6.50	3.51
1165 (A34)	Whether or not I ever lied to my boss.	8.072	4.013	8.70	2.30
1166 (H32)	Whether or not I ever lied to a teacher.	6.115	3.483	6.67	2.84
1167 (G28)	My feelings about high school principals.	3.136	2.572	3.09	2.56
1168 (L20)	My feelings about the quality of schooling that I received.	4.388	4.983	5.04	3.29
1169 (L19)	Whether or not I ever held, or now hold, a grudge against some teacher.	5.000	3.500	7.21	3.48

1100 School - Work (Cont'd)

53

		<u>Navy Ss</u>		<u>College Ss</u>	
		<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1170 (J3)	The way I feel about students who are smarter than I am.	5.100	5.011	5.89	3.09
1171 (J32)	The way I feel about students who are not as smart as I am.	4.136	3.791	5.33	3.89

SCHOOL AND WORK (1100) N = 72

HIGH AGREEMENT

1100, 1101, 1102, 1105, 1106, 1107, 1109, 1111, 1114, 1116, 1117, 1118,
 1119, 1120, 1121, 1122, 1124, 1125, 1129, 1132, 1138, 1139, 1140, 1142,
 1143, 1144, 1146, 1147, 1148, 1150, 1153, 1154, 1155, 1156, 1157, 1158,
 1161, 1165, 1168.

MODERATE AGREEMENT

1123, 1126, 1127, 1128, 1131, 1135, 1137, 1141, 1149, 1159, 1164, 1166,
 1167, 1169.

LOW AGREEMENT

1115, 1130, 1133, 1134, 1136, 1145.

DISAGREEMENT

1103, 1104, 1108, 1110, 1112, 1113, 1151, 1152, 1160, 1162, 1163, 1170,
 1171.

Item	Category placed by Ss	Percent
1103	Relationships	(50.0)
1104	Relationships	(37.5)
1108	Interests, School	(25.0)
1110	Relationships	(62.5)
1112	Interests	(56.2)
1113	Interests	(31.2)
1151	Attitudes	(43.8)
1152	Attitudes; School	(37.5)
1160	Attitudes	(68.8)
1162	Attitudes	(50.0)
1163	Attitudes	(43.8)
1170	Attitudes	(37.5)
1171	Attitudes	(37.5)

1200 BIOGRAPHICAL CHARACTERISTICS

			<u>Navy Ss</u>		<u>College Ss</u>	
			<u>SV</u>	<u>Q</u>	<u>SV</u>	<u>Q</u>
1200 (J11)	Whether or not I have a nickname, and what it is.		2.722	3.349	2.19	2.68
1201 (G24)	My pet peeves.		5.214	3.165	5.13	4.03
1202 (F3)	The name of the place, or places, where I grew up.		1.306	1.409	1.77	1.74
1203 (C26)	Size of clothing (shoes, et.)		3.000	4.431	1.83	2.30
1204 (D3)	My lucky number.		1.461	1.769	1.75	2.61
1205 (E7)	Insurance policies that I have (life, health, etc.)		4.167	4.666	5.63	5.18
1206 (P17)	Licenses that I have (driv- ing, hunting, fishing, etc.)		1.306	1.409	1.39	1.61
1207 (M9)	My marital status.		5.786	6.538	1.83	2.84
1208 (N25)	My age.		1.393	2.866	1.28	1.47
1209 (L30)	My nationality.		1.500	3.416	1.59	8.98
1210 (H6)	My place of birth.		1.195	1.153	1.18	0.74
1211 (O32)	My name.		1.392	2.053	1.17	0.71
1212 (Q12)	My date of birth.		1.158	.658	1.11	.61
1213 (R16)	My height.		1.393	2.054	1.38	1.90
1214 (S33)	My weight.		1.928	2.931	2.50	4.41
1215 (A25)	How long I've been in the Navy.		1.281	1.709	1.40	2.63
1216 (K27)	Where I received my Boot training.		1.109	.609	1.27	1.33
1217 (T4)	My favorite color.		1.257	1.121	1.14	0.64

BIOGRAPHICAL CHARACTERISTICS (1200) N = 18

HIGH AGREEMENT

1202, 1209, 1210, 1212, 1213, 1214, 1215, 1216.

MODERATE AGREEMENT

1208.

LOW AGREEMENT

1211.

DISAGREEMENT

1200, 1201, 1203, 1204, 1205, 1206, 1207, 1217.

Item	Category placed by <u>Ss</u>	Percent
1200	Relationships; Attitudes; Biographical	(31.2)
1201	Emotions	(37.5)
1203	Appearance	(75.0)
1204	Attitudes	(56.2)
1205	Money	(56.2)
1206	Interests	(62.5)
1207	Own Marriage	(62.5)
1217	Interests	(31.2)

SUPPLEMENTARY

INFORMATION

**NOTICES OF CHANGES IN CLASSIFICATION,
DISTRIBUTION AND AVAILABILITY**

69-17

1 SEPTEMBER 1969

AD-484 102
Naval Medical Research
Inst., Bethesda, Md.
Research rept.
Rept. no. NAWMED MF-
022.01.03-1002-9
Apr. 66

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18 Jun 69